

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 2.72085 Seconds
(without alignments)
2254.273 Million cell updates/sec

Title: US-09-808-388-1

Perfect score: 20

Sequence: 1 caaactagctcaaggtca 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA.*

1: /cgn2_6/ptodata/2/ina/5A.COMB.seq.*

2: /cgn2_6/ptodata/2/ina/5B.COMB.seq.*

3: /cgn2_6/ptodata/2/ina/6A.COMB.seq.*

4: /cgn2_6/ptodata/2/ina/6B.COMB.seq.*

5: /cgn2_6/ptodata/2/ina/PCtus.COMB.seq.*

6: /cgn2_6/ptodata/2/ina/backfiles.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	15.4	77.0	587	4	US-09-053-702-3
C 2	15.2	76.0	3441	2	US-08-742-753-1
C 3	15.2	76.0	13865	3	US-09-009-217-11
C 4	15.2	76.0	13865	3	US-09-009-217-11
C 5	15.2	76.0	13865	3	US-09-009-217-11
C 6	15.2	76.0	13865	3	US-09-009-217-11
C 7	15.2	76.0	13865	3	US-09-009-217-11
C 8	15.2	76.0	13865	3	US-09-009-217-11
C 9	15.2	76.0	13865	3	US-09-009-217-11
C 10	15.2	76.0	13865	3	US-09-009-217-11
C 11	15.2	76.0	13865	3	US-09-009-217-11
C 12	15.2	76.0	13865	3	US-09-009-217-11
C 13	15.2	76.0	13865	3	US-09-009-217-11
C 14	15.2	76.0	13865	3	US-09-009-217-11
C 15	15.2	76.0	13865	3	US-09-009-217-11
C 16	15.2	76.0	13865	3	US-09-009-217-11
C 17	15.2	76.0	13865	3	US-09-009-217-11
C 18	15.2	76.0	13865	3	US-09-009-217-11
C 19	15.2	76.0	13865	3	US-09-009-217-11
C 20	15.2	76.0	13865	3	US-09-009-217-11
C 21	15.2	76.0	13865	3	US-09-009-217-11
C 22	15.2	76.0	13865	3	US-09-009-217-11
C 23	15.2	76.0	13865	3	US-09-009-217-11
C 24	15.2	76.0	13865	3	US-09-009-217-11
C 25	15.2	76.0	13865	3	US-09-009-217-11
C 26	15.2	76.0	13865	3	US-09-009-217-11
C 27	15.2	76.0	13865	3	US-09-009-217-11

C 28	14.2	71.0	9707	4	US-08-961-527-164	Sequence 164, App
C 29	14.2	71.0	45546	4	US-09-146-053-6	Sequence 6, Appl
C 30	14.2	71.0	80246	4	US-09-078-294-4	Sequence 4, Appl
C 31	14.2	71.0	80595	4	US-09-078-294-3	Sequence 3, Appl
C 32	14.2	71.0	111282	4	US-09-754-250-3	Sequence 306, App
C 33	14.2	71.0	1060	4	US-09-072-596-306	Sequence 137, App
C 34	13.8	69.0	545	2	US-08-915-152A-137	Sequence 74, Appl
C 35	13.8	69.0	545	2	US-09-615-192A-74	Sequence 212, App
C 36	13.8	69.0	1072	4	US-09-280-116-212	Sequence 1936, App
C 37	13.8	69.0	1422	4	US-09-134-001C-1936	Sequence 81, Appl
C 38	13.8	69.0	1689	4	US-09-247-155-61	Sequence 6, Appl
C 39	13.8	69.0	4765	4	US-08-750-532-8	Sequence 7, Appl
C 40	13.8	69.0	4765	4	US-08-894-818B-7	Sequence 5, Appl
C 41	13.8	69.0	4765	4	US-09-445-472-5	Sequence 34, Appl
C 42	13.8	69.0	4765	4	US-09-041-886-34	Sequence 1, Appl
C 43	13.8	69.0	6450	4	US-08-453-998-1	Sequence 3, Appl
C 44	13.8	69.0	38844	4	US-09-734-675-3	
C 45	13.8	69.0	38844	4	US-09-734-675-3	

ALIGNMENTS

RESULT 1
US-09-053-702-3/C

Sequence 3, Application US/09053702

Patent No. 6229069

GENERAL INFORMATION:

APPLICANT: YAMADA, Shigehiro

TITLE OF INVENTION: METHOD FOR CONTROLLING WATER CONTENT OF PLANT

FILE REFERENCE: 230-122P

CURRENT APPLICATION NUMBER: US/09/053,702

CURRENT FILING DATE: 1998-04-02

NUMBER OF SEQ ID NOS: 5

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3

LENGTH: 587

TYPE: DNA

ORGANISM: Nicotiana tabacum

US-09-053-702-3

Query Match

Best Local Similarity 77.0%; Score 15.4; DB 4; Length 587;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 3 AAACAGGTCAAGGTC 19

288 AAACAGGTCAAGGTC 272

RESULT 2

US-08-742-753-1/C

Sequence 1, Application US/08742753

Patent No. 5861278

GENERAL INFORMATION:

APPLICANT: WONG, Gordon G.

TITLE OF INVENTION: HNF3-delta Compositions

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Genetics Institute, Inc.

STREET: 87 Cambridgepark Drive

CITY: Cambridge

STATE: Massachusetts

COUNTRY: USA

ZIP: 02140

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA: US/08/742,753

FILING DATE: 514
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: 5277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3441 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 88...2400
US-08-742-753-1

Query Match 76.0%; Score 15.2; DB 2; Length 3441;
Best Local Similarity 85.0%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
DB 2544 CATAATTAGGTCAAGGACA 2525

RESULT 3

US-09-009-217-11
Sequence 11, Application US/09009217
Patent No. 6132729
GENERAL INFORMATION:
APPLICANT: Thorpe, Philip E.
APPLICANT: King, Steven W.
APPLICANT: Gao, Boqing
TITLE OF INVENTION: COMBINED TISSUE FACTOR AND
TITLE OF INVENTION: CHEMOTHERAPEUTIC METHODS AND COMPOSITIONS FOR COAGULATION
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,217
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/042,427
FILING DATE: 27-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/036,205
FILING DATE: 27-JAN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/035,920
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Hibler, David W.
REGISTRATION NUMBER: 41,071
REFERENCE/DOCKET NUMBER: UTSD:536
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000

TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 13865 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-217-11

Query Match 76.0%; Score 15.2; DB 3; Length 13865;
Best Local Similarity 85.0%; Pred. No. 63;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
DB 13773 CAAATTAGGTAAAGGACA 13792

RESULT 4

US-09-009-656-11
Sequence 11, Application US/09009656
Patent No. 6132730
GENERAL INFORMATION:
APPLICANT: Thorpe, Philip E.
APPLICANT: King, Steven W.
APPLICANT: Gao, Boqing
TITLE OF INVENTION: COMBINED TISSUE FACTOR AND FACTOR VIIA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COAGULATION AND TUMOR
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,656
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/042,427
FILING DATE: 27-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/036,205
FILING DATE: 27-JAN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/035,920
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Hibler, David W.
REGISTRATION NUMBER: 41,071
REFERENCE/DOCKET NUMBER: UTSD:537
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 13865 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-656-11

Query Match 76.0%; Score 15.2; DB 3; Length 13865;
Best Local Similarity 85.0%; Pred. No. 63;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGTCAAGTCA 20
DB 13773 CAAACTAGTCAAGTCA 13792

RESULT 5
US-08-348-891A-1/c

; Sequence 1, Application US/08348891A
; Patent No. 5654136
; GENERAL INFORMATION:
; APPLICANT: SASAKI, Keiko
; APPLICANT: MORI, Takayuki
; TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE.
; TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR
; TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YOUNG & THOMPSON
; STREET: 745 South 23rd Street
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/348,891A
; FILING DATE: 25-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,400
; FILING DATE: 10-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 3-293625
; FILING DATE: 14-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: PATCH, Andrew J.
; REGISTRATION NUMBER: 32,925
; REFERENCE/DOCKET NUMBER: KP-7501
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-521-2297
; TELEFAX: 703-685-0573
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15894 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 108..1682
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1807..3327
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3438..4442
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 5458..7107
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 7271..9121
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 9234..15782

US-08-348-891A-1

Query Match

Best Local Similarity 76.0%; Score 15.2; DB 1; Length 15894;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CAAACTAGTCAAGTCA 20
DB 9920 CAAACGATGTCATGTC 9901

RESULT 6
US-08-905-817-1/c

; Sequence 1, Application US/08905817
; Patent No. 5824777
; GENERAL INFORMATION:
; APPLICANT: SASAKI, Keiko
; APPLICANT: MORI, Takayuki
; TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE.
; TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR
; TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YOUNG & THOMPSON
; STREET: 745 South 23rd Street
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/905,817
; FILING DATE: 04-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,891
; FILING DATE: 25-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,400
; FILING DATE: 10-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 3-293625
; FILING DATE: 14-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: PATCH, Andrew J.
; REGISTRATION NUMBER: 32,925
; REFERENCE/DOCKET NUMBER: KP-7501A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-521-2297
; TELEFAX: 703-685-0573
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15894 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 108..1682
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1807..3327
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3438..4442
; FEATURE:

NAME/KEY: CDS
LOCATION: 5458..7107
FEATURE:
NAME/KEY: CDS
LOCATION: 7271..9121
FEATURE:
NAME/KEY: CDS
LOCATION: 9234..15782
US-08-905-817-1

Query Match 76.0% Score 15.2; DB 1; Length 15894;
Best Local Similarity 85.0%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAGTCA 20
Db 9920 CAAACCACTGTCATGTC 9901

RESULT 7
US-08-351-413-1
Sequence 1, Application US/08351413
Patent No. 5750867
GENERAL INFORMATION:
APPLICANT: Williams, Mark
APPLICANT: Leemans, Jan
TITLE OF INVENTION: Maintenance of male-sterile plants
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 2046
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351.413
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/899,072
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/970,849
FILING DATE: 03-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 2121-102PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2661 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
MOLECULE TYPE: linear
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Zea mays
STRAIN: Inbred line W-22
PUBLICATION INFORMATION:
AUTHORS: Hamilton et al.,
JOURNAL: Sex Plant Reprod.

VOLUME: 2
PAGES: 208-
DATE: 1989
US-08-351-413-1

Query Match 75.0% Score 15; DB 1; Length 2661;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAA 15
Db 1180 CAAACTAGTCAAA 1194

RESULT 8
US-09-025-583-1
Sequence 1, Application US/09025583
Patent No. 5977433
GENERAL INFORMATION:
APPLICANT: Williams, Mark
APPLICANT: Leemans, Jan
TITLE OF INVENTION: Maintenance of male-sterile plants
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 2046
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025.583
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/351.413
FILING DATE:
APPLICATION NUMBER: US 07/899,072
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/970,849
FILING DATE: 03-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 2121-102PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2661 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
MOLECULE TYPE: linear
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Zea mays
STRAIN: Inbred line W-22
PUBLICATION INFORMATION:
AUTHORS: Hamilton et al.,
JOURNAL: Sex Plant Reprod.
VOLUME: 2
PAGES: 208-
DATE: 1989

US-09-025-583-1

Query Match

75.0% Score 15; DB 2; Length 2661;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGTCGCAAA 15

DB 1180 CAAACTAGTCGCAAA 1194

RESULT 9

US-08-351-413-17/c

Sequence 17, Application US/08351413
Patent No. 5750867

GENERAL INFORMATION:

APPLICANT: Williams, Mark

APPLICANT: Leemans, Jan

TITLE OF INVENTION: Maintenance of male-sterile plants

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH

STREET: 8110 Gatehouse Road, Suite 500 East

CITY: Falls Church

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 2046

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/351,413

FILING DATE:

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/899,072

FILING DATE: 12-JUN-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/970,849

FILING DATE: 03-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: Svensson, Leonard R.

REGISTRATION NUMBER: 30,330

REFERENCE/DOCKET NUMBER: 2121-102PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 205-8000

TELEFAX: (703) 205-8050

TELEX: 248345

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 4808 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Ecoli-HindIII fragment of plasmid pT5218

FEATURE:

NAME/KEY:

LOCATION: complement (18..401)

OTHER INFORMATION: /label=3'nos

OTHER INFORMATION: /note="3' regulatory sequence containing the

OTHER INFORMATION: polyadenylation site derived from Agrobacterium

OTHER INFORMATION: T-DNA nopaline synthase gene"

FEATURE:

NAME/KEY:

LOCATION: complement (402..737)

OTHER INFORMATION: /label=barnase

OTHER INFORMATION: /note="coding region of the barnase gene of

OTHER INFORMATION: Bacillus amyloliquefaciens"

FEATURE:

NAME/KEY:

LOCATION: complement (738..1944)

OTHER INFORMATION: /label=pZM13

OTHER INFORMATION: /note="promoter region of the zml3 gene of Zea

OTHER INFORMATION: mays"

FEATURE:

NAME/KEY:

LOCATION: complement (1945..2281)

OTHER INFORMATION: /label=3'nos

FEATURE:

NAME/KEY:

LOCATION: complement (2282..2554)

OTHER INFORMATION: /label=barstar

OTHER INFORMATION: /note="coding region of the barstar gene of

OTHER INFORMATION: Bacillus amyloliquefaciens"

FEATURE:

NAME/KEY:

LOCATION: complement (2555..3099)

OTHER INFORMATION: /label=PTA29

OTHER INFORMATION: /note="promoter region of the PTA29 gene of

OTHER INFORMATION: Nicotiana tabacum"

FEATURE:

NAME/KEY:

LOCATION: 3100..3932

OTHER INFORMATION: /label=35S3

OTHER INFORMATION: /note="35S3" promoter sequence derived from

OTHER INFORMATION: cauliflower mosaic virus isolate Cabbb-J1"

FEATURE:

NAME/KEY:

LOCATION: 3933..4484

OTHER INFORMATION: /label=bar

OTHER INFORMATION: /note="coding region of the phosphinothricin

OTHER INFORMATION: acetyltransferase gene"

FEATURE:

NAME/KEY:

LOCATION: 4485..4763

OTHER INFORMATION: /label=3'nos

FEATURE:

NAME/KEY:

LOCATION: 2333..2356

OTHER INFORMATION: /label=BXO12

OTHER INFORMATION: /note="region corresponding to oligonucleotide

OTHER INFORMATION: BXO12"

FEATURE:

NAME/KEY:

LOCATION: complement (2538..2586)

OTHER INFORMATION: /label=TA29SBXO12

OTHER INFORMATION: /note="region complementary to oligonucleotide

OTHER INFORMATION: TA29SBXO12"

FEATURE:

NAME/KEY:

LOCATION: complement (2800..2823)

OTHER INFORMATION: /label=PTA29O15

OTHER INFORMATION: /note="region complementary to part of

OTHER INFORMATION: oligonucleotide PTA29O15"

US-08-351-413-17

Query Match

75.0% Score 15; DB 1; Length 4808;

Best Local Similarity 100.0%; Pred. No. 67;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGTCGCAAA 15

DB 984 CAAACTAGTCGCAAA 970

RESULT 10

US-09-025-583-17/c

Sequence 17, Application US/09025583

Patent No. 5977433

GENERAL INFORMATION:

```

APPLICANT: Williams, Mark
APPLICANT: Leemans, Jan
TITLE OF INVENTION: Maintenance of male-sterile plants
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESS: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 20466
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,583
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/351,413
FILING DATE:
APPLICATION NUMBER: US 07/899,072
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/970,849
FILING DATE: 03-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 2121-102PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 4808 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: ECOLI-HindIII fragment of plasmid pT5218
FEATURE:
NAME/KEY:
LOCATION: complement (18..401)
OTHER INFORMATION: //label=3'nos
OTHER INFORMATION: /note="3' regulatory sequence containing the
OTHER INFORMATION: polyadenylation site derived from Agrobacterium
OTHER INFORMATION: T-DNA nopaline synthase gene"
FEATURE:
NAME/KEY:
LOCATION: complement (402..737)
OTHER INFORMATION: //label=barinase
OTHER INFORMATION: /note="coding region of the barnase gene of
OTHER INFORMATION: Bacillus amyloliquefaciens"
FEATURE:
NAME/KEY:
LOCATION: complement (738..1944)
OTHER INFORMATION: //label=pZM13
OTHER INFORMATION: /note="promoter region of the zm13 gene of Zea
OTHER INFORMATION: mays"
FEATURE:
NAME/KEY:
LOCATION: complement (1945..2281)
OTHER INFORMATION: //label=3'nos
FEATURE:
NAME/KEY:
LOCATION: complement (2282..2554)

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OTHER INFORMATION: //label=barstar
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OTHER INFORMATION: Bacillus amyloliquefaciens"
FEATURE:
NAME/KEY:
LOCATION: complement (2555..3099)
OTHER INFORMATION: //label=PTA29
OTHER INFORMATION: /note="promoter region of the PTA29 gene of
OTHER INFORMATION: Nicotiana tabacum"
FEATURE:
NAME/KEY:
LOCATION: 3100..3932
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OTHER INFORMATION: /note="35S3 promoter sequence derived from
OTHER INFORMATION: cauliflower mosaic virus isolate CabDB-J1"
FEATURE:
NAME/KEY:
LOCATION: 3933..4484
OTHER INFORMATION: //label=bar
OTHER INFORMATION: /note="coding region of the phosphothiclin
OTHER INFORMATION: acetyltransferase gene"
FEATURE:
NAME/KEY:
LOCATION: 4485..4763
OTHER INFORMATION: //label=3'nos
FEATURE:
NAME/KEY:
LOCATION: 2333..2356
OTHER INFORMATION: //label=BXOL2
OTHER INFORMATION: /note="region corresponding to oligonucleotide
OTHER INFORMATION: BXOL2"
FEATURE:
NAME/KEY:
LOCATION: complement (2538..2586)
OTHER INFORMATION: //label=TA29SBXOL2
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FEATURE:
NAME/KEY:
LOCATION: complement (2800..2823)
OTHER INFORMATION: //label=PTA29OL5
OTHER INFORMATION: /note="region complementary to part of
OTHER INFORMATION: oligonucleotide PTA29OL5"
US-09-025-583-17
Query Match 75.0%; Score 15; DB 2; Length 4808;
Best Local Similarity 100.0%; Pred. No. 67;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1 CAAACTAGCTCAAA 15
DB 984 CAAACTAGCTCAAA 970
RESULT 11
US-08-961-527-115/C
Sequence 115: Application US/08961527
Patent No. 6420135
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
CORRESPONDENCE ADDRESS:
ADDRESS: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2

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SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PB340P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 11303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-961-527-115

Query Match 74.0%; Score 14.8; DB 4; Length 11303;
Best Local Similarity 88.9%; Pred. No. 98;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAGGTC 18
Db 7784 CAAACAGGTCAGGTC 7767

RESULT 12
US-09-146-053-7/C
Sequence 7, Application US/09146053A
Patent No. 639349
GENERAL INFORMATION:
APPLICANT: Ryan, James W.
APPLICANT: Sprinkle, Terry Joe Curtis
APPLICANT: Venema, Richard C.
TITLE OF INVENTION: Human Aminopeptidase P Gene
FILE REFERENCE: MCG103
CURRENT APPLICATION NUMBER: US/09/146,053A
CURRENT FILING DATE: 1998-09-02
EARLIER APPLICATION NUMBER: 60/057,854
EARLIER FILING DATE: 1997-09-02
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 7
LENGTH: 16595
TYPE: DNA
ORGANISM: Homo sapiens
US-09-146-053-7

Query Match 74.0%; Score 14.8; DB 4; Length 16595;
Best Local Similarity 88.9%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3 AAACAGGTCAGGTC 20
Db 1472 AAACAGGTCAGGTC 1455

RESULT 13
US-09-328-111-128/C
Sequence 128, Application US/093281111
Patent No. 6262333
GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.
APPLICANT: Steilmann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.

APPLICANT: Carroll III, Eddie
APPLICANT: Catino, Theodore J.
APPLICANT: Dertli, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
EARLIER FILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 850
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 128
LENGTH: 865
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(865)
OTHER INFORMATION: n = A,T,C or G
US-09-328-111-128

Query Match 71.0%; Score 14.2; DB 4; Length 865;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAGGTC 20
Db 595 CAAATAAGCAAGGCGCA 576

RESULT 14
US-09-394-110A-3
Sequence 3, Application US/09394110A
Patent No. 6451594
GENERAL INFORMATION:
APPLICANT: Chien, Kenneth
APPLICANT: Wang, Yibin
APPLICANT: Evans, Sylvia
TITLE OF INVENTION: No. 6451594e1 Recombinant Adenovirus for Tissue Specific Exp
FILE REFERENCE: 6627-PAR045
CURRENT APPLICATION NUMBER: US/09/394,110A
CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentln version 3.0
SEQ ID NO 3
LENGTH: 1026
TYPE: DNA
ORGANISM: Mus musculus
US-09-394-110A-3

Query Match 71.0%; Score 14.2; DB 4; Length 1026;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 AAACAGGTCAGGTC 20
Db 233 AAACAGGTCAGGTC 251

RESULT 15
US-09-724-864-16
Sequence 16, Application US/09724864
Patent No. 6380362
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Murison, James G.
TITLE OF INVENTION: Polynucleotides, polypeptides expressed
by the polynucleotides and methods for their use.

FILE REFERENCE: 11000.105001
 CURRENT APPLICATION NUMBER: US/09/724,864
 CURRENT FILING DATE: 2000-11-28
 PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
 PRIOR FILING DATE: 1999-12-23
 NUMBER OF SEQ ID NOS: 72
 SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO: 16
 LENGTH: 1288
 TYPE: DNA
 ORGANISM: Mouse
 US-09-724-864-16

Query Match 71.0%; Score 14.2; DB 4; Length 1288;
 Best Local Similarity 84.2%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 AAAGTGGTCAAGGTCA 20
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 DB 896 AAATCTGGGTCAAGGACA 914

Search completed: June 13, 2003, 20:57:53
 Job time : 3.72085 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 Search time 5.64193 Seconds
(without alignments)
5133.209 Million cell updates/sec

Title: US-09-808-388-1

Perfect score: 20

Sequence: 1 caaactagctcaagtgca 20

Scoring table: IDENTITY NUC

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA:*

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3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	20	100.0	20	US-09-877-705A-67	Sequence 67, App1
2	20	100.0	20	US-09-877-705A-68	Sequence 68, App1
3	20	100.0	20	US-09-877-738A-67	Sequence 67, App1
4	20	100.0	20	US-09-877-738A-68	Sequence 68, App1
5	20	100.0	20	US-09-808-388-1	Sequence 1, App1
6	20	100.0	38	US-09-808-388-2	Sequence 2, App1
7	20	100.0	41	US-09-808-388-3	Sequence 3, App1
8	20	100.0	52	US-09-808-388-4	Sequence 4, App1
9	20	100.0	60	US-09-877-705A-142	Sequence 142, App
10	20	100.0	60	US-09-877-738A-142	Sequence 142, App
11	20	100.0	332	US-09-808-388-6	Sequence 6, App1
12	17	85.0	25	US-10-113-877-133	Sequence 133, App
13	16.8	84.0	506	US-09-764-891-72	Sequence 72, App1
14	16.4	82.0	2286	US-10-153-668-389	Sequence 389, App
15	16.4	82.0	2473	US-10-153-668-383	Sequence 383, App
16	16.4	82.0	2473	US-10-153-668-385	Sequence 385, App
17	16.4	82.0	2572	US-10-153-668-387	Sequence 387, App
18	16.4	82.0	2584	US-10-153-668-391	Sequence 391, App
19	16.4	82.0	4292	US-10-102-806-179	Sequence 179, App

C	20	16.4	82.0	5516	9	US-10-153-668-271	Sequence 271, App
C	21	15.8	79.0	878	9	US-10-198-846-13893	Sequence 13893, A
C	22	15.8	79.0	6158	9	US-09-764-891-8513	Sequence 8513, Ap
C	23	15.4	77.0	55795	10	US-09-880-107-1543	Sequence 1543, Ap
C	24	15.2	76.0	171	10	US-09-864-761-29451	Sequence 29451, A
C	25	15.2	76.0	272	10	US-09-294-0938-1029	Sequence 1029, Ap
C	26	15.2	76.0	292	9	US-10-091-572-94	Sequence 94, App1
C	27	15.2	76.0	292	9	US-09-764-891-740	Sequence 740, App1
C	28	15.2	76.0	434	9	US-10-091-572-657	Sequence 657, App
C	29	15.2	76.0	434	9	US-09-764-891-6818	Sequence 6818, App
C	30	15.2	76.0	458	9	US-09-918-995-10018	Sequence 10018, A
C	31	15.2	76.0	467	9	US-09-918-995-13224	Sequence 13224, A
C	32	15.2	76.0	573	10	US-09-864-761-12888	Sequence 12888, A
C	33	15.2	76.0	618	10	US-09-770-149-804	Sequence 804, App
C	34	15.2	76.0	1021	10	US-09-881-752A-241	Sequence 241, App
C	35	15.2	76.0	2000	9	US-09-938-842A-4842	Sequence 4842, App
C	36	15.2	76.0	2113	9	US-10-153-668-319	Sequence 319, App
C	37	15.2	76.0	3435	10	US-09-917-800A-1480	Sequence 1480, Ap
C	38	15.2	76.0	5129	9	US-09-938-842A-1803	Sequence 1803, Ap
C	39	15.2	76.0	12963	9	US-10-074-045-64	Sequence 64, App1
C	40	15.2	76.0	14654	9	US-09-764-860-1054	Sequence 1054, Ap
C	41	15.2	76.0	14654	10	US-09-764-860-1054	Sequence 1054, Ap
C	42	15.2	76.0	14918	10	US-09-764-864-1766	Sequence 1766, Ap
C	43	15.2	76.0	29220	9	US-09-764-868-1312	Sequence 1312, Ap
C	44	15.2	76.0	29220	9	US-09-764-868-1313	Sequence 1313, Ap
C	45	15.2	76.0	1503841	9	US-09-946-807-1	Sequence 1, App1

ALIGNMENTS

RESULT 1
US-09-877-705A-67
Sequence 67, Application US/09877705A
Publication No. US2003008283A1
GENERAL INFORMATION:
APPLICANT: LI, Jason
TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSC
FILE REFERENCE: 26757-704
CURRENT APPLICATION NUMBER: US/09/877,705A
CURRENT FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 162
SOFTWARE: PatentIn version 3.1
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Transcription factor probe PP67
US-09-877-705A-67

Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. NO. 0.79; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGCTCAAGTGCA 20
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Db 1 CAAACTAGCTCAAGTGCA 20

RESULT 2
US-09-877-705A-68/C
Sequence 68, Application US/09877705A
Publication No. US2003008283A1
GENERAL INFORMATION:
APPLICANT: LI, Jason
TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSC
FILE REFERENCE: 26757-704
CURRENT APPLICATION NUMBER: US/09/877,705A
CURRENT FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 162

SOFTWARE: Patentin version 3.1
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Transcription factor probe PP68
US-09-877-705A-68

Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.79;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 20 CAAACTAGGTCAAGGTCA 1

RESULT 3
US-09-877-738A-67

Sequence 67, Application US/09877738A
Publication No. US20030022173A1

GENERAL INFORMATION:
APPLICANT: Li, Jason

TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED

FILE REFERENCE: 26757-701

CURRENT APPLICATION NUMBER: US/09/877,738A

CURRENT FILING DATE: 2001-06-01

NUMBER OF SEQ ID NOS: 162

SOFTWARE: Patentin version 3.1

SEQ ID NO 67

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Transcription factor probe PP67

US-09-877-738A-67

Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.79;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 1 CAAACTAGGTCAAGGTCA 20

RESULT 4
US-09-877-738A-68/C

Sequence 68, Application US/09877738A
Publication No. US20030022173A1

GENERAL INFORMATION:
APPLICANT: Li, Jason

TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED

FILE REFERENCE: 26757-701

CURRENT APPLICATION NUMBER: US/09/877,738A

CURRENT FILING DATE: 2001-06-01

NUMBER OF SEQ ID NOS: 162

SOFTWARE: Patentin version 3.1

SEQ ID NO 68

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Transcription factor probe PP68

US-09-877-738A-68

Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.79;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 20 CAAACTAGGTCAAGGTCA 1

RESULT 5
US-09-808-388-1

Sequence 1, Application US/09808388
Patent No. US20020081719A1

GENERAL INFORMATION:
APPLICANT: Massaad, Charbel

APPLICANT: Berenbaum, Francis

APPLICANT: Olivier, Jean-Luc

APPLICANT: Salvat, Colette

APPLICANT: Berezat, Gilbert

TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th

FILE REFERENCE: ST000010

CURRENT APPLICATION NUMBER: US/09/808,388

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: FR/00/03262

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/196,959

PRIOR FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin version 3.0

SEQ ID NO 1

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PPRE element

US-09-808-388-1

Query Match 100.0%; Score 20; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.79;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 1 CAAACTAGGTCAAGGTCA 20

RESULT 6
US-09-808-388-2

Sequence 2, Application US/09808388
Patent No. US20020081719A1

GENERAL INFORMATION:
APPLICANT: Massaad, Charbel

APPLICANT: Berenbaum, Francis

APPLICANT: Olivier, Jean-Luc

APPLICANT: Salvat, Colette

APPLICANT: Berezat, Gilbert

TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th

FILE REFERENCE: ST000010

CURRENT APPLICATION NUMBER: US/09/808,388

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: FR/00/03262

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/196,959

PRIOR FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin version 3.0

SEQ ID NO 2

LENGTH: 38

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PPRE element

US-09-808-388-2

Query Match 100.0%; Score 20; DB 10; Length 38;

Best Local Similarity 100.0%; Pred. No. 0.87;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 1 CAAACTAGGTCAAGGTCA 20

RESULT 7

US-09-808-388-3
Sequence 3, Application US/09808388
Patent No. US20020081719A1
GENERAL INFORMATION:
APPLICANT: Massaad, Charbel
APPLICANT: Berendaum, Francis
APPLICANT: Olivier, Jean-Luc
APPLICANT: Salvat, Colette
APPLICANT: Berezat, Gilbert
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
FILE REFERENCE: ST00010
CURRENT APPLICATION NUMBER: US/09/808.388
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: FR/00/03262
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/196,959
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 41
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PPRE element
US-09-808-388-3

Query Match 100.0%; Score 20; DB 10; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.88;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 1 CAAACTAGGTCAAGGTCA 20

RESULT 8

US-09-808-388-4
Sequence 4, Application US/09808388
Patent No. US20020081719A1
GENERAL INFORMATION:
APPLICANT: Massaad, Charbel
APPLICANT: Berendaum, Francis
APPLICANT: Olivier, Jean-Luc
APPLICANT: Salvat, Colette
APPLICANT: Berezat, Gilbert
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
FILE REFERENCE: ST00010
CURRENT APPLICATION NUMBER: US/09/808.388
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: FR/00/03262
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/196,959
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 52
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PPRE element

US-09-808-388-4

Query Match 100.0%; Score 20; DB 10; Length 52;
Best Local Similarity 100.0%; Pred. No. 0.91;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 1 CAAACTAGGTCAAGGTCA 20

RESULT 9

US-09-877-705A-142/c
Sequence 142, Application US/09877705A
Publication No. US2003008283A1
GENERAL INFORMATION:
APPLICANT: Li, Jason
TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSC
FILE REFERENCE: 26757-704
CURRENT APPLICATION NUMBER: US/09/877.705A
CURRENT FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 162
SOFTWARE: PatentIn version 3.1
SEQ ID NO 142
LENGTH: 60
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

Query Match 100.0%; Score 20; DB 9; Length 60;
Best Local Similarity 100.0%; Pred. No. 0.93;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 60 CAAACTAGGTCAAGGTCA 41

RESULT 10

US-09-877-738A-142/c
Sequence 142, Application US/09877738A
Publication No. US20030022173A1
GENERAL INFORMATION:
APPLICANT: Li, Jason
TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
FILE REFERENCE: 26757-701
CURRENT APPLICATION NUMBER: US/09/877.738A
CURRENT FILING DATE: 2001-06-01
NUMBER OF SEQ ID NOS: 162
SOFTWARE: PatentIn version 3.1
SEQ ID NO 142
LENGTH: 60
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

Query Match 100.0%; Score 20; DB 9; Length 60;
Best Local Similarity 100.0%; Pred. No. 0.93;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
Db 60 CAAACTAGGTCAAGGTCA 41

RESULT 11

US-09-808-388-6

Sequence 6, Application US/09808388
Patent No. US20020081719A1
GENERAL INFORMATION:
APPLICANT: Massaad, Charbel
APPLICANT: Berenbaum, Francis
APPLICANT: Olivier, Jean-Luc
APPLICANT: Salvat, Colette
APPLICANT: Bezeziac, Gilbert
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
FILE REFERENCE: SF00010
CURRENT APPLICATION NUMBER: US/09/808,388
CURRENT FILING DATE: 2001-09-20
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/196,959
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6
LENGTH: 332
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pPRE/PLA2s hybrid promoter
US-09-808-388-6

Query Match 100.0%; Score 20; DB 10; Length 332;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
DB 13 CAAACTAGGTCAAGGTCA 32

RESULT 12
US-10-113-877-133
Sequence 133, Application US/10113877
Patent No. US20020177218A1
GENERAL INFORMATION:
APPLICANT: Fang, Yu
APPLICANT: Wang, Xiao-Yang
APPLICANT: Turpin, Pierre
TITLE OF INVENTION: Methods of detecting multiple DNA
TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
FILE REFERENCE: CLON-071
CURRENT APPLICATION NUMBER: US/10/113,877
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: 60/280,658
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 60/314,330
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 192
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 133
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-113-877-133

Query Match 85.0%; Score 17; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4 AACTAGTCAAGGTCA 20
DB 3 AACTAGTCAAGGTCA 19

RESULT 13
US-09-764-891-72/C
Sequence 72, Application US/09764891
Publication No. US20030077808A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antbodies
FILE REFERENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 72
LENGTH: 506
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (458)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (475)
OTHER INFORMATION: n equals a,t,g, or c
US-09-764-891-72

Query Match 84.0%; Score 16.8; DB 9; Length 506;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCA 20
DB 413 CAAACTAGGTCAAGGTCA 394

RESULT 14
US-10-153-668-389/C
Sequence 389, Application US/10153668
Publication No. US20030092616A1
GENERAL INFORMATION:
APPLICANT: HONDA, Goichi
APPLICANT: MATSUDA, Akio
APPLICANT: MURAMATSU, Shuji
APPLICANT: ISHIZAWA, Kenya
TITLE OF INVENTION: STAR6 Activating Gene
FILE REFERENCE: 1254-0207P
CURRENT APPLICATION NUMBER: US/10/153,668
CURRENT FILING DATE: 2002-05-24
PRIOR APPLICATION NUMBER: US 60/293,172
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/316,031
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: US 60/328,403
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: JP 2001-157043
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: JP 2001-260681
PRIOR FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: JP 2001-313175
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 488
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 389
LENGTH: 2286
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (210)..(1412)
US-10-153-668-389

Query Match 82.0%; Score 16.4; DB 9; Length 2286;
Best Local Similarity 94.4%; Pred. No. 99;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 AAACAGTCACAAGGTCA 20
 ||||| |||||
 Db 1603 AAACAGTCACAAGGTCA 1586

RESULT 15
 US-10-153-668-383/C
 ; Sequence 383, Application US/10153668
 ; Publication No. US20030092616A1
 ; GENERAL INFORMATION:
 ; APPLICANT: HONDA, Goichi
 ; APPLICANT: MATSUDA, Akio
 ; APPLICANT: MURAMATSU, Shuji
 ; APPLICANT: ISHIZAMA, Kenya
 ; TITLE OF INVENTION: STAT6 Activating Gene
 ; FILE REFERENCE: 1254-0207P
 ; CURRENT APPLICATION NUMBER: US/10/153,668
 ; CURRENT FILING DATE: 2002-05-24
 ; PRIOR APPLICATION NUMBER: US 60/293,172
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/316,031
 ; PRIOR FILING DATE: 2001-08-31
 ; PRIOR APPLICATION NUMBER: US 60/328,403
 ; PRIOR FILING DATE: 2001-10-12
 ; PRIOR APPLICATION NUMBER: JP 2001-157043
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: JP 2001-260681
 ; PRIOR FILING DATE: 2001-08-30
 ; PRIOR APPLICATION NUMBER: JP 2001-318175
 ; PRIOR FILING DATE: 2001-10-10
 ; NUMBER OF SEQ ID NOS: 488
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 383
 ; LENGTH: 2473
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (247)..(1599)
 US-10-153-668-383

Query Match 82.0%; Score 16.4; DB 9; Length 2473;
 Best Local Similarity 94.4%; Pred. No. 1e+02;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 AAACAGTCACAAGGTCA 20
 ||||| |||||
 Db 1790 AAACAGTCACAAGGTCA 1773

Search completed: June 14, 2003, 01:26:02
 Job time : 8.64193 secs

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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 5.16961 Seconds
(without alignments)
2254.273 Million cell updates/sec

Title: US-09-808-388-2

Perfect score: 38

Sequence: 1 caaacactagctcaaggtcaaacactagctcaaggtca 38

Scoring table: IDENTITY_NUC

Gapop 10.0 ; Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA.*
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2: /cgn2_6/ptodata/2/ina/5B.COMB.seq.*
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6: /cgn2_6/ptodata/2/ina/backfile1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Query Match	Length	ID	Description
C	1	22	57.9	5910	1 US-08-195-814-1	Sequence 1, Appli
C	2	22	57.9	5910	1 US-08-195-814-1	Sequence 1, Appli
C	3	20.4	53.7	3539	4 US-09-1245-248B-59	Sequence 59, Appli
C	4	20.4	53.7	3853	4 US-09-1245-248B-53	Sequence 53, Appli
C	5	20.4	53.7	4797	4 US-09-1419-568F-25	Sequence 25, Appli
C	6	20.4	53.7	4797	4 US-09-1354-243B-25	Sequence 25, Appli
C	7	20.2	53.2	11443	4 US-08-1961-527-49	Sequence 49, Appli
C	8	19.6	51.6	2991	3 US-08-1795-430-48	Sequence 48, Appli
C	9	19.6	51.6	2991	3 US-09-355-700-48	Sequence 48, Appli
C	10	19.6	51.6	152331	3 US-09-128-155-16	Sequence 16, Appli
C	11	19.6	51.6	176373	3 US-09-128-155-17	Sequence 17, Appli
C	12	19.4	51.1	321	1 US-08-322-742-11	Sequence 11, Appli
C	13	19.4	51.1	571	1 US-08-322-742-14	Sequence 14, Appli
C	14	19.4	51.1	3592	3 US-08-714-918-63	Sequence 63, Appli
C	15	19.4	51.1	3592	4 US-09-265-315-63	Sequence 63, Appli
C	16	19.4	51.1	3592	4 US-09-265-315-63	Sequence 63, Appli
C	17	19.4	51.1	3592	4 US-09-266-417-63	Sequence 63, Appli
C	18	19.4	51.1	6464	1 US-08-321-478-2	Sequence 2, Appli
C	19	19.4	51.1	6464	1 US-08-321-478-2	Sequence 2, Appli
C	20	19.4	51.1	6464	1 US-08-321-478-6	Sequence 6, Appli
C	21	19.4	51.1	1288	4 US-09-724-864-16	Sequence 16, Appli
C	22	19.4	51.1	1846	4 US-09-336-536-37	Sequence 37, Appli
C	23	18.8	49.5	2403	1 US-08-454-720A-41	Sequence 41, Appli
C	24	18.8	49.5	3061	2 US-08-692-787-47	Sequence 47, Appli
C	25	18.8	49.5	3061	4 US-09-097-199-47	Sequence 47, Appli
C	26	18.8	49.5	3537	4 US-08-245-248B-58	Sequence 58, Appli
C	27	18.6	48.9	122	4 US-09-437-457-3	Sequence 3, Appli

C	28	18.6	48.9	1506	2 US-08-663-566A-8	Sequence 8, Appli
C	29	18.6	48.9	1506	2 US-08-023-610-8	Sequence 8, Appli
C	30	18.6	48.9	1506	2 US-08-288-065A-8	Sequence 8, Appli
C	31	18.6	48.9	1506	2 US-08-362-240A-8	Sequence 8, Appli
C	32	18.6	48.9	1506	4 US-08-804-372A-6	Sequence 6, Appli
C	33	18.6	48.9	1506	5 PCT-US95-10245-16	Sequence 8, Appli
C	34	18.6	48.9	9707	4 US-08-961-527-164	Sequence 164, App
C	35	18.6	48.9	168575	4 US-09-426-290-1	Sequence 1, Appli
C	36	18.4	48.4	448	2 US-08-967-101-106	Sequence 106, App
C	37	18.4	48.4	448	2 US-08-592-541-106	Sequence 106, App
C	38	18.4	48.4	448	3 US-09-124-698-106	Sequence 106, App
C	39	18.4	48.4	448	4 US-09-127-480-106	Sequence 106, App
C	40	18.4	48.4	448	4 US-08-496-841C-106	Sequence 106, App
C	41	18.4	48.4	448	4 US-09-124-523-106	Sequence 106, App
C	42	18.4	48.4	736	2 US-08-967-101-112	Sequence 12, Appi
C	43	18.4	48.4	736	2 US-08-967-101-155	Sequence 155, App
C	44	18.4	48.4	736	2 US-08-592-541-12	Sequence 12, App
C	45	18.4	48.4	736	2 US-08-592-541-155	Sequence 155, App

ALIGNMENTS

RESULT 1
US-08-195-814-1
Sequence 1, Application US/08195814
Patent No. 5547869
GENERAL INFORMATION:
APPLICANT: DUMAS, BRUNO; GERVAS, MONICA;
APPLICANT: BERGION, MAX; JOURDAN, MIRETTE; JOUSSET,
APPLICANT: FRANCOISE XAVIERE
TITLE OF INVENTION: NOVEL PLASMIDS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN AND MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/195,814
FILING DATE: 14-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,054
FILING DATE: 11-MAY-1992
APPLICATION NUMBER: 07/278,735
FILING DATE: 2-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1029-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5910
TYPE: NUCLEIC ACID
STRANDEDNESS: UNKNOWN
TOPOLOGY: UNKNOWN
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: DENSOVIRUS
STRAIN: DENSOVIRUS OF JUNONIA
INDIVIDUAL ISOLATE:

```
DEVELOPMENTAL STAGE: LARVAE
HAPOTYPE:
TISSUE TYPE:
CELL TYPE: SPODOPTERA LITTORALIS
CELL LINE:
ORGANELLE:
FEATURE:
LOCATION: 1
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 50 NUCLEOTIDES IN LENGTH
FEATURE:
LOCATION: 1657
OTHER INFORMATION: M IS A OR C
FEATURE:
LOCATION: 5619
OTHER INFORMATION: Y IS C OR T
FEATURE:
LOCATION: 5910
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 130 NUCLEOTIDES IN LENGTH
US-08-195-814-1

Query Match 57.9% Score 22; DB 1; Length 5910;
Best Local Similarity 73.7% Pred. No. 7.3;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 38
Db 5804 CAGAGTAGGTCAAGGTCAATAGAGGTCAAGGTCA 5841

RESULT 2
US-08-195-814-1/c
Sequence 1, Application US/08195814
Patent No. 5547869
GENERAL INFORMATION:
APPLICANT: DUMAS, BRUNO; GERAIS, MONICA;
APPLICANT: BERGON, MAX; JORDAN, WIRETTTE; JOUSSET,
APPLICANT: FRANCOISE XAVIERE
TITLE OF INVENTION: NOVEL PLASMIDS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN AND MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/195,814
FILING DATE: 14-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,054
FILING DATE: 11-MAY-1992
APPLICATION NUMBER: 07/278,735
FILING DATE: 2-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1029-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5910
TYPE: NUCLEIC ACID
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STRANDEDNESS: UNKNOWN
TOPOLOGY: UNKNOWN
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: DENSOVIRUS
STRAIN: DENSOVIRUS OF JUNONIA
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE: LARVAE
HAPOTYPE:
TISSUE TYPE:
CELL TYPE: SPODOPTERA LITTORALIS
CELL LINE:
ORGANELLE:
FEATURE:
LOCATION: 1
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 50 NUCLEOTIDES IN LENGTH
FEATURE:
LOCATION: 1657
OTHER INFORMATION: M IS A OR C
FEATURE:
LOCATION: 5619
OTHER INFORMATION: Y IS C OR T
FEATURE:
LOCATION: 5910
OTHER INFORMATION: N IS A OR C OR G OR T,
OTHER INFORMATION: WHEREIN N IS ZERO TO 130 NUCLEOTIDES IN LENGTH
US-08-195-814-1

Query Match 57.9% Score 22; DB 1; Length 5910;
Best Local Similarity 73.7% Pred. No. 7.3;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 38
Db 195 CAGAGTAGGTCAAGGTCAATAGAGGTCAAGGTCA 158

RESULT 3
US-09-245-248B-59
Sequence 59, Application US/09245248B
Patent No. 6395472
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Ecker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muertthoff, Scott
APPLICANT: Pilot-Matias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.OI
CURRENT APPLICATION NUMBER: US/09/245,248B
CURRENT FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 3539
TYPE: DNA
ORGANISM: Homo sapien
US-09-245-248B-59

Query Match 53.7% Score 20.4; DB 4; Length 3539;
Best Local Similarity 80.0% Pred. No. 27;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 9 GGTCAAGGTCAAACTAGGTCAAGGTCA 38
Db 3462 GGTCAAGGTCAAGGTCAAGGTCAAGGTCA 3491
```

RESULT 4

US-09-245-248B-53
Sequence 53, Application US/09245248B
Patent No. 6393472
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Erker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkmeier, Larry
APPLICANT: Muehlhoff, Scott
APPLICANT: Pilot-Matias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461 US:01
CURRENT APPLICATION NUMBER: US/09/245,248B
CURRENT FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 3853
TYPE: DNA
ORGANISM: Homo sapien
US-09-245-248B-53

Query Match 53.7%; Score 20.4; DB 4; Length 3853;
Best Local Similarity 80.0%; Pred. No. 27;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 9 GGTCAAGGTCAAAAGTCAAGTCA 38
DB 3568 GGTCAAGGTCACTGCTGATCATGTCGA 3597

RESULT 5

US-09-419-568F-25
Sequence 25, Application US/09419568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Renaud, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fac
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-419-568F-25

Query Match 53.7%; Score 20.4; DB 4; Length 4797;
Best Local Similarity 80.0%; Pred. No. 28;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAAACTAGTCAAAAGTCAAAAGTCA 31
DB 1788 AAACTAGTCACTGCTGAAATCTAGTCA 1817

RESULT 6

US-09-354-243B-25
Sequence 25, Application US/09354243B
Patent No. 6359117
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Renaud, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible
FILE REFERENCE: LUD 5543.1
CURRENT APPLICATION NUMBER: US/09/354,243B
CURRENT FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-354-243B-25

Query Match 53.7%; Score 20.4; DB 4; Length 4797;
Best Local Similarity 80.0%; Pred. No. 28;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAACTAGTCAAAAGTCAAAAGTCA 31
DB 1788 AAACTAGTCACTGCTGAAATCTAGTCA 1817

RESULT 7

US-08-961-527-49
Sequence 49, Application US/08961527
Patent No. 6420135
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brooks, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PB340P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 11443 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-961-527-49

Query Match 53.2%; Score 20.2; DB 4; Length 11443;
Best Local Similarity 75.8%; Pred. No. 38;
Matches 25; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4 AACTAGTCAAGTCAAACTAGTCAAGT 36
DB 6901 AAAAGTCAAGTCAAACTAGTCAAGT 6933

RESULT 8

US-08-795-430-48/C
Sequence 48, Application US/08795430
Patent No. 6130071
GENERAL INFORMATION:
APPLICANT: Alltalo, Kari
APPLICANT: Joukov, Vladimir
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,430
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP196/00427
FILING DATE: 01-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/671,573
FILING DATE: 28-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/601,132
FILING DATE: 14-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,895
FILING DATE: 12-JAN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/510,133
FILING DATE: 01-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/340,011
FILING DATE: 14-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28967/33691
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 2991 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-795-430-48

Query Match 51.6%; Score 19.6; DB 3; Length 2991;
Best Local Similarity 73.5%; Pred. No. 52;

Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAACTAGTCAAGTCAAACTAGTCAAG 34
DB 1968 CAAAGTTGCAAAAGTCACTATGTGAG 1935

RESULT 9

US-09-355-700-48/C
Sequence 48, Application US/09355700
Patent No. 6361946
GENERAL INFORMATION:
APPLICANT: Ludwig Institute for Cancer Research
Helinski University Licensing
Alltalo, Kari (U.S. only)
Joukov, Vladimir (U.S. only)
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/355,700
FILING DATE: 05-NOV-1999
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/795,430
FILING DATE: 05-FEB-1997
APPLICATION NUMBER: PCT/EP196/00427
FILING DATE: 01-AUG-1996
APPLICATION NUMBER: 08/671,573
FILING DATE: 28-JUN-1996
APPLICATION NUMBER: 08/601,132
FILING DATE: 14-FEB-1996
APPLICATION NUMBER: 08/585,895
FILING DATE: 12-JAN-1996
APPLICATION NUMBER: 08/510,133
FILING DATE: 01-AUG-1995
APPLICATION NUMBER: 08/340,011
FILING DATE: 14-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28967/34140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 2991 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-09-355-700-48

Query Match 51.6%; Score 19.6; DB 4; Length 2991;
Best Local Similarity 73.5%; Pred. No. 52;
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
QY 1 CAAACTAGTCAAGTCAAACTAGTCAAG 34

DB 1968 CAAAGTTTGAAAAAGTCATCATATGTACAG 1935

RESULT 10

US-09-128-155-16/c
; Sequence 16, Application US/09128155
; Patent No. 6117654
; GENERAL INFORMATION:
; APPLICANT: Pan, Yang
; TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
; FILE REFERENCE: 09404/052001
; CURRENT APPLICATION NUMBER: US/09/128,155
; EARLIER FILING DATE: 1998-08-03
; EARLIER APPLICATION NUMBER: US 60/091,450
; EARLIER FILING DATE: 1998-07-02
; EARLIER APPLICATION NUMBER: US 60/054,646
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 152331
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: (1)...(152331)
; OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16

Query Match

51.6%; Score 19.6; DB 3; Length 152331;
Best Local Similarity 73.5%; Pred. No. 94;
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 5 ACTAGTCAAGGTCAAAACTAGGTCAAGGTCA 38
DB 143694 ACTAGTGATAGGCGCAGAGGTAGAGCCAGGTCA 143661

RESULT 11

US-09-128-155-17
; Sequence 17, Application US/09128155
; Patent No. 6117654
; GENERAL INFORMATION:
; APPLICANT: Pan, Yang
; TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
; FILE REFERENCE: 09404/052001
; CURRENT APPLICATION NUMBER: US/09/128,155
; EARLIER FILING DATE: 1998-08-03
; EARLIER APPLICATION NUMBER: US 60/091,550
; EARLIER FILING DATE: 1998-07-02
; EARLIER APPLICATION NUMBER: US 60/054,646
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 176373
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: (1)...(176373)
; OTHER INFORMATION: n = A,T,C or G
US-09-128-155-17

Query Match

51.6%; Score 19.6; DB 3; Length 176373;
Best Local Similarity 73.5%; Pred. No. 96;
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 5 ACTAGTCAAGGTCAAAACTAGGTCAAGGTCA 38
DB 143694 ACTAGTGATAGGCGCAGAGGTAGAGCCAGGTCA 143661

DB 50297 ACTAGGTATAGGCCAGAGCTAGAGCCAGGTCA 50330

RESULT 12

US-08-322-742-11
; Sequence 11, Application US/08322742
; Patent No. 5688641
; GENERAL INFORMATION:
; APPLICANT: Sager, Ruth
; TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50z or 55sx
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/322,742
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/938,823
; FILING DATE: September 1, 1992
; APPLICATION NUMBER: 07/844,296
; FILING DATE: February 28, 1992
; APPLICATION NUMBER: 07/552,216
; FILING DATE: February 28, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 00530/048003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 321
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-322-742-11

Query Match

51.1%; Score 19.4; DB 1; Length 321;
Best Local Similarity 70.3%; Pred. No. 43;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAAGGTCAAAACTAGGTCAAGTGC 37
DB 129 CAAGATTAAGTCAAAAGCGCAGAGCCAGTCAAGTGC 165

RESULT 13

US-08-322-742-14
; Sequence 14, Application US/08322742
; Patent No. 5688641
; GENERAL INFORMATION:
; APPLICANT: Sager, Ruth
; TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/322.742
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/938, 823
FILING DATE: September 1, 1992
APPLICATION NUMBER: 07/844,296
FILING DATE: February 28, 1992
APPLICATION NUMBER: 07/552,216
FILING DATE: February 28, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34, 819
REFERENCE/DOCKET NUMBER: 00530/048003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 571
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-322-742-14

Query Match 51.1%; Score 19.4; DB 1; Length 571;
Best Local Similarity 70.3%; Freq. No. 47;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0

QY 1 CAAACAGTACGTCAAAGTCAAAGCTCAAAGCTC 37
||| | 1111111 ||| | 111111111
Db 184 CACATTAAGTCAAAGCCCAAGAGCGACATCAAAGCTC 220

RESULT 14
US-08-714-918-63
Sequence 63, Application US/08714918
Patent No. 6037123
GENERAL INFORMATION:
APPLICANT: Benton, Bret
APPLICANT: Lee, Vling
APPLICANT: Malouin, Francois
APPLICANT: Martin, Patrick K.
APPLICANT: Schmid, Molly B.
APPLICANT: Sun, Dongxu
TITLE OF INVENTION: STAPHYLOCOCCUS AUREUS ANTIBACTERIAL
TITLE OF INVENTION: TARGET GENES
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,918
FILING DATE: September 13, 1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:

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: APPLICATION NUMBER: 60/009,102
: FILING DATE: December 22, 1995
: APPLICATION NUMBER: 60/003,798
: FILING DATE: September 15, 1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Walburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 222/005
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
:
: INFORMATION FOR SEQ ID NO: 63:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 3592 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-714-918-63
:
: Query Match 51.1%; Score 19.4; DB 3; Length 3592;
: Best Local Similarity 69.7%; Pred. No. 63;
: Matches 23; Conservative 6; Mismatches 8; Indels 0; Gaps 0.
:
: Oy 6 CTAGGTCAAAGGCTCAAAACTGAGTCAAAGTCA 38
: ||||| ||| ||| : ||| |||| | |
: Db 1591 CTAGTAAATGTCGATGTAGTCAATCTTA 1623
:
: RESULT 15
: US-09-265-315-63
: Sequence 63, Application US/09265315
: Patent No. 6187541
:
: GENERAL INFORMATION:
: APPLICANT: Benton, Bret
: APPLICANT: Lee, Ving J.
: APPLICANT: Malouin, Francois
: APPLICANT: Martin, Patrick K.
: APPLICANT: Schmid, Molly B.
: APPLICANT: Sun, Dongxu
: TITLE OF INVENTION: METHODS OF SCREENING FOR COMPOUNDS
: TITLE OF INVENTION: ACTIVE ON STAPHYLOCOCCUS AUREUS
: TITLE OF INVENTION: TARGET GENES
: NUMBER OF SEQUENCES: 111
:
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/265,315
: FILING DATE: March 9, 1999
:
: CLASSIFICATION: 435
:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/714,918
: FILING DATE: September 13, 1996
: APPLICATION NUMBER: 60/009,102
: FILING DATE: December 22, 1995
: APPLICATION NUMBER: 60/003,798
: FILING DATE: September 15, 1995
: ATTORNEY/AGENT INFORMATION:
: NAME: Walburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 240/247

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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 10.7197 seconds
(without alignments)

5133.209 Million cell updates/sec

Title: US-09-808-388-2

Perfect score: 38

Sequence: 1 caaactagctcaagtcacaaactcagtcacagtcac 38

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1029858 seqs, 724030393 residues 2059716

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published_Applications.INA.*
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13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	38	100.0	38	10	US-09-808-388-2
2	26	68.4	60	9	US-09-877-705A-142
3	26	68.4	60	9	US-09-877-738A-142
4	25	65.8	41	10	US-09-808-388-3
5	25	65.8	332	9	US-09-808-388-6
6	23.6	62.1	2113	9	US-10-153-668-319
7	21.6	56.8	3051	9	US-10-198-846-11260
8	21.6	56.8	397658	10	US-09-813-320-3
9	21.4	56.3	14654	9	US-10-074-095-1054
10	21.4	56.3	14654	10	US-09-764-860-1054
11	21	55.3	75899	10	US-09-854-883-243
12	20.6	54.2	10953	7	US-08-781-986A-62
13	20.4	53.7	3539	10	US-09-815-656-59
14	20.4	53.7	3853	10	US-09-815-656-53
15	20.4	53.7	4797	10	US-09-751-797-25
16	20.4	53.2	7332	9	US-10-171-581-96
17	20.2	53.2	52	10	US-09-808-388-4
18	20.2	53.2	94	10	US-09-294-093B-395
19	20.2	53.2	480	10	US-09-864-761-10963

20	20.2	53.2	3697	12	US-10-002-600-58	Sequence 58, Appl
21	20.2	53.2	55155	10	US-09-735-933-3	Sequence 3, Appl
22	20	52.6	20	9	US-09-877-705A-67	Sequence 67, Appl
23	20	52.6	20	9	US-09-877-705A-68	Sequence 68, Appl
24	20	52.6	20	9	US-09-877-738A-67	Sequence 67, Appl
25	20	52.6	20	9	US-09-877-738A-68	Sequence 68, Appl
26	20	52.6	20	10	US-09-808-388-1	Sequence 1, Appl
27	20	52.6	272	10	US-10-092-154-1941	Sequence 1941, Ap
28	20	52.6	272	10	US-09-764-877-1941	Sequence 1941, Ap
29	20	52.6	43058	10	US-09-954-456-282	Sequence 292, App
30	20	52.6	43058	10	US-09-954-456-529	Sequence 529, App
31	20	52.6	43058	10	US-09-880-107-3950	Sequence 3950, Ap
32	19.8	52.1	480	10	US-09-864-761-4951	Sequence 4951, Ap
33	19.8	52.1	570	10	US-09-864-761-6734	Sequence 6734, Ap
34	19.6	51.6	447	9	US-09-918-995-12753	Sequence 12753, A
35	19.6	51.6	487	9	US-09-918-995-2304	Sequence 2304, Ap
36	19.6	51.6	2991	9	US-10-201-386-48	Sequence 48, Appl
37	19.6	51.6	3162	10	US-09-764-877-2937	Sequence 2937, Ap
38	19.6	51.6	148567	9	US-10-254-869-3	Sequence 3, Appl
39	19.6	51.6	148567	10	US-09-801-876B-3	Sequence 17, Appl
40	19.6	51.6	152331	9	US-10-095-407-16	Sequence 16, Appl
41	19.6	51.6	176373	9	US-10-095-407-17	Sequence 17, Appl
42	19.4	51.1	246	9	US-10-040-738-1104	Sequence 1104, Ap
43	19.4	51.1	612	9	US-10-198-846-6352	Sequence 6352, Ap
44	19.4	51.1	1514	10	US-09-925-297-211	Sequence 211, App
45	19.4	51.1	1770	9	US-09-738-626-483	Sequence 483, App

ALIGNMENTS

```
RESULT 1
US-09-808-388-2
; Sequence 2, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berzati, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-2
Query Match      100.0%; Score 38; DB 10; Length 38;
Best Local Similarity 100.0%; Pred. No. 2e-05;
Matches 38; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY      1 CAAACTAGCTCAAGGTCACAAAGTCAGGTCACAAAGTCAC 38
Db      1 CAAACTAGGTCACAAAGTCACAAAGTCAGGTCACAAAGTCAC 38
RESULT 2
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030008283A1
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; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; TITLE OF INVENTION: FACTOR ACTIVITY
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

Query Match      68.4%; Score 26; DB 9; Length 60;
Best Local Similarity 95.0%; Pred. No. 0.69;
Matches 38; Conservative 0; Mismatches 0; Indels 2; Gaps 1;

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Db      60 CAAACTAGTCAAGGTCAAGGTCAAGGTCAAGGTCA 21

RESULT 3
US-09-877-738A-142/C
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; TITLE OF INVENTION: TRANSCRIPTION FACTORS
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

Query Match      68.4%; Score 26; DB 9; Length 60;
Best Local Similarity 95.0%; Pred. No. 0.69;
Matches 38; Conservative 0; Mismatches 0; Indels 2; Gaps 1;

Oy      1 CAAACTAGTCAAGGT--CAAACTAGTCAAGGTCA 38
        |||
Db      60 CAAACTAGTCAAGGTCAAGGTCAAGGTCAAGGTCA 21

RESULT 4
US-09-808-388-3
; Sequence 3, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST000010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
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; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PPPE element
US-09-808-388-3

Query Match      65.8%; Score 25; DB 10; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.5;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

Oy      1 CAAACTAGTCAAGG---TCAAACTAGTCAAGGTCA 38
        |||
Db      1 CAAACTAGTCAAGGTCAAGGTCAATCAAACTAGTCAAGGTCA 41

RESULT 5
US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST000010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPPE/PLA2s hybrid promoter
US-09-808-388-6

Query Match      65.8%; Score 25; DB 10; Length 332;
Best Local Similarity 92.7%; Pred. No. 2.3;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

Oy      1 CAAACTAGTCAAGG---TCAAACTAGTCAAGGTCA 38
        |||
Db      13 CAAACTAGTCAAGGTCAAGGTCAATCAAACTAGTCAAGGTCA 53

RESULT 6
US-10-153-668-319/C
; Sequence 319, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Golchi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAMA, Kenya
; TITLE OF INVENTION: STRAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
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PRIOR FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/316,031
 PRIOR FILING DATE: 2001-08-31
 PRIOR APPLICATION NUMBER: US 60/328,403
 PRIOR FILING DATE: 2001-10-12
 PRIOR APPLICATION NUMBER: JP 2001-157043
 PRIOR FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: JP 2001-260681
 PRIOR FILING DATE: 2001-08-30
 PRIOR APPLICATION NUMBER: JP 2001-313175
 PRIOR FILING DATE: 2001-10-10
 NUMBER OF SEQ ID NOS: 488
 SOFTWARE: Patent Ver. 2.0
 SEQ ID NO 319
 LENGTH: 2113
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (138)..(1583)
 US-10-153-668-319

Query Match 62.1%; Score 23.6; DB 9; Length 2113;
 Best Local Similarity 76.3%; Pred. No. 11;
 Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 38
 DB 1764 CACATGACATCAAGGTCAACACAGGTCAAGGTCA 1727

RESULT 7
 US-10-198-846-11260/c
 Sequence 11260, Application US/10198846
 Publication No. US2003009974A1
 GENERAL INFORMATION:
 APPLICANT: Lillie, James
 APPLICANT: Xu, Yongyao
 APPLICANT: Wang, Youzhen
 APPLICANT: Steinhilber, Kathleen
 TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
 TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 FILE REFERENCE: MRI-049
 CURRENT APPLICATION NUMBER: US/10/198,846
 PRIOR FILING DATE: 2002-07-18
 PRIOR APPLICATION NUMBER: 60/306,220
 PRIOR FILING DATE: 2001-07-18
 NUMBER OF SEQ ID NOS: 14084
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 11260
 LENGTH: 3051
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1, 2, 3, 4, 5, 6, 7, 8, 9, 3045, 3046, 3047, 3048, 3049,
 LOCATION: 3050, 3051
 OTHER INFORMATION: n = A,T,C or G
 US-10-198-846-11260

Query Match 56.8%; Score 21.6; DB 9; Length 3051;
 Best Local Similarity 75.0%; Pred. No. 65;
 Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 AACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 38
 DB 1864 AAACCAAGTCAAGGTCAAGGTCTATGTCTAGGTCA 1829

RESULT 8
 US-09-813-320-3
 Sequence 3, Application US/09813320

Patent No. US20020142378A1
 GENERAL INFORMATION:
 APPLICANT: ZHANG, Hongyu et al.
 TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
 TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
 FILE REFERENCE: C1001172
 CURRENT APPLICATION NUMBER: US/09/813,320
 PRIOR FILING DATE: 2001-03-21
 NUMBER OF SEQ ID NOS: 4
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 3
 LENGTH: 397658
 TYPE: DNA
 ORGANISM: Human
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)...(397658)
 OTHER INFORMATION: n = A,T,C or G
 US-09-813-320-3

Query Match 56.8%; Score 21.6; DB 10; Length 397658;
 Best Local Similarity 75.0%; Pred. No. 1,6e+02;
 Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AACTAGGTCAAGGTCAAACTAGGTCAAGGTCA 37
 DB 292121 AAGACTCGGTAAAGGTCAAGGTCAAGGTCAAGGTCA 292156

RESULT 9
 US-10-074-095-1054/c
 Sequence 1054, Application US/10074095
 Publication No. US20030077704A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 FILE REFERENCE: PC008C1
 CURRENT APPLICATION NUMBER: US/10/074,095
 PRIOR FILING DATE: 2002-02-14
 PRIOR APPLICATION NUMBER: 09/764,860
 PRIOR FILING DATE: 2001-01-17
 PRIOR APPLICATION NUMBER: 60/179,065
 PRIOR FILING DATE: 2000-01-31
 PRIOR APPLICATION NUMBER: 60/180,628
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: 60/214,886
 PRIOR FILING DATE: 2000-06-28
 PRIOR APPLICATION NUMBER: 60/217,487
 PRIOR FILING DATE: 2000-07-11
 PRIOR APPLICATION NUMBER: 60/225,758
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/220,963
 PRIOR FILING DATE: 2000-07-26
 PRIOR APPLICATION NUMBER: 60/217,496
 PRIOR FILING DATE: 2000-07-11
 PRIOR APPLICATION NUMBER: 60/225,447
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/218,290
 PRIOR FILING DATE: 2000-07-14
 PRIOR APPLICATION NUMBER: 60/225,757
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/226,868
 PRIOR FILING DATE: 2000-08-22
 PRIOR APPLICATION NUMBER: 60/216,647
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/225,267
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/216,880
 PRIOR FILING DATE: 2000-07-07
 PRIOR APPLICATION NUMBER: 60/225,270
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/251,869

PRIOR FILING DATE: 2000-12-08
 PRIOR APPLICATION NUMBER: 60/235,834
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: 60/234,274
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: 60/234,223
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: 60/228,924
 PRIOR FILING DATE: 2000-08-30
 PRIOR APPLICATION NUMBER: 60/224,518
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/236,369
 PRIOR FILING DATE: 2000-09-29
 PRIOR APPLICATION NUMBER: 60/224,519
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/220,964
 PRIOR FILING DATE: 2000-07-26
 PRIOR APPLICATION NUMBER: 60/241,809
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/249,299
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/236,327
 PRIOR FILING DATE: 2000-09-29
 PRIOR APPLICATION NUMBER: 60/241,785
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/244,617
 PRIOR FILING DATE: 2000-11-01
 PRIOR APPLICATION NUMBER: 60/225,268
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/236,368
 PRIOR FILING DATE: 2000-09-29
 PRIOR APPLICATION NUMBER: 60/251,856
 PRIOR FILING DATE: 2000-12-08
 PRIOR APPLICATION NUMBER: 60/251,868
 PRIOR FILING DATE: 2000-12-08
 PRIOR APPLICATION NUMBER: 60/229,344
 PRIOR FILING DATE: 2000-09-01
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 PRIOR FILING DATE: 2000-09-25
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 PRIOR APPLICATION NUMBER: 60/229,513
 PRIOR FILING DATE: 2000-09-05
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 PRIOR FILING DATE: 2000-09-08
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 PRIOR APPLICATION NUMBER: 60/236,367
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 PRIOR FILING DATE: 2000-10-02
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 PRIOR APPLICATION NUMBER: 60/236,370
 PRIOR FILING DATE: 2000-09-29
 PRIOR APPLICATION NUMBER: 60/236,802
 PRIOR FILING DATE: 2000-10-02
 PRIOR APPLICATION NUMBER: 60/237,037
 PRIOR FILING DATE: 2000-10-02
 PRIOR APPLICATION NUMBER: 60/237,040
 PRIOR FILING DATE: 2000-10-02
 PRIOR APPLICATION NUMBER: 60/240,960
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/239,935
 PRIOR FILING DATE: 2000-10-13
 PRIOR APPLICATION NUMBER: 60/239,937
 PRIOR FILING DATE: 2000-10-13
 PRIOR APPLICATION NUMBER: 60/241,787
 PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/246,474
 PRIOR FILING DATE: 2000-11-08
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 PRIOR APPLICATION NUMBER: 60/225,759
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/225,213
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/227,182
 PRIOR FILING DATE: 2000-08-22
 PRIOR APPLICATION NUMBER: 60/225,214
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/235,836
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: 60/230,438
 PRIOR FILING DATE: 2000-09-06
 PRIOR APPLICATION NUMBER: 60/215,135
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: 60/225,266
 PRIOR FILING DATE: 2000-08-14
 PRIOR APPLICATION NUMBER: 60/249,218
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249,208
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 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249,212
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249,207
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249,245
 PRIOR FILING DATE: 2000-11-17
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 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/249,217
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 PRIOR FILING DATE: 2000-11-17
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 PRIOR FILING DATE: 2000-11-17
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 PRIOR FILING DATE: 2000-11-17
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 PRIOR APPLICATION NUMBER: 60/231,414
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 PRIOR APPLICATION NUMBER: 60/231,244
 PRIOR FILING DATE: 2000-09-08
 PRIOR APPLICATION NUMBER: 60/233,064
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/233,063
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/232,397
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/232,399
 PRIOR FILING DATE: 2000-09-14
 PRIOR APPLICATION NUMBER: 60/232,401

;; APPLICANT: Abbott Laboratories
;; APPLICANT: Leary, Thomas

```
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muerhoff, Scott
APPLICANT: Pilot-Mallias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.01
CURRENT APPLICATION NUMBER: US/09/815,656
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 09/245,248
PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 3539
TYPE: DNA
ORGANISM: Homo sapien
US-09-815-656-53
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Query Match 53.7%; Score 20.4; DB 10; Length 3539;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
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OY 9 GGTCAAAGTCAAACTAGTCAAGTCA 38
DB 3462 GGTCAAAGTCAAGCTAGCTAGTCA 3491
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RESULT 14
US-09-815-656-53
Sequence 53, Application US/09815656
Patent No. US2001004131A1
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Erker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muerhoff, Scott
APPLICANT: Pilot-Mallias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.01
CURRENT APPLICATION NUMBER: US/09/815,656
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 09/245,248
PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 3853
TYPE: DNA
ORGANISM: Homo sapien
US-09-815-656-53
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Query Match 53.7%; Score 20.4; DB 10; Length 3853;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
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DB 3568 GGTCAAAGTCAAGCTAGCTAGTCA 3597
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RESULT 15
US-09-751-797-25
Sequence 25, Application US/09751797
Patent No. US20010024652A1
GENERAL INFORMATION:
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APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renaud, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inductible
TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT FILING DATE: 2000-12-29
CURRENT APPLICATION NUMBER: US/09/751,797
PRIOR FILING DATE: 09/419,568
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-751-797-25
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Query Match 53.7%; Score 20.4; DB 10; Length 4797;
Best Local Similarity 80.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
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DB 1788 AAATCTAGTCACTGTGAATCTAGTCA 1817
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Job time : 12.7197 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 : Search time 5.57774 Seconds
(without alignments)
2254.273 Million cell updates/sec

Title: US-09-808-388-3
Perfect score: 41
Sequence: 1 caaactagctcaagtc... caaactagctcaagtc 41

Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA.*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22.4	54.6	3295	US-09-336-447A-8	Sequence 8, Appli
2	22.4	54.6	3349	US-09-336-447A-2	Sequence 2, Appli
3	21	51.2	865	US-09-328-111-128	Sequence 128, App
4	20.4	49.8	910	US-09-328-111-129	Sequence 129, App
5	20.4	49.8	3900	US-08-123-343A-6	Sequence 6, Appli
6	20.2	49.3	2308	US-07-686-591-3	Sequence 3, Appli
7	20.2	49.3	2308	US-07-970-715-3	Sequence 3, Appli
8	20	48.8	1200	US-09-222-938A-47	Sequence 47, Appli
9	19.8	48.3	1797	US-08-366-490-5	Sequence 5, Appli
10	19.8	48.3	1797	US-08-860-483A-5	Sequence 5, Appli
11	19.8	48.3	1900	US-08-366-490-7	Sequence 7, Appli
12	19.8	48.3	1900	US-08-860-483A-8	Sequence 8, Appli
13	19.8	48.3	1900	US-08-860-483A-9	Sequence 9, Appli
14	19.8	48.3	15894	US-08-348-891A-1	Sequence 1, Appli
15	19.8	48.3	15894	US-08-905-817-1	Sequence 1, Appli
16	19.8	48.3	19056	US-09-272-032-8	Sequence 8, Appli
17	19.6	47.8	2868	US-08-389-564B-3	Sequence 3, Appli
18	19.6	47.8	2868	US-08-466-047B-3	Sequence 3, Appli
19	19.4	47.3	1872	US-08-153-848-39	Sequence 39, Appli
20	19.4	47.3	1872	US-09-299-843A-39	Sequence 39, Appli
21	19.4	47.3	1872	US-09-088-337B-39	Sequence 39, Appli
22	19.4	47.3	1872	PCT-US93-1153-39	Sequence 39, Appli
23	19.2	46.8	132	US-08-053-171-23	Sequence 23, Appli
24	19.2	46.8	1001	US-09-641-638-480	Sequence 480, App
25	19.2	46.8	1001	US-09-641-638-481	Sequence 481, App
26	19.2	46.8	1001	US-09-641-638-482	Sequence 482, App
27	19.2	46.8	1215	US-08-844-065-1	Sequence 1, Appli

28	19.2	46.8	1275	2	US-08-920-634-1	Sequence 1, Appli
29	19.2	46.8	1278	4	US-08-960-780-26	Sequence 26, Appli
30	19.2	46.8	1278	4	US-09-073-898-26	Sequence 26, Appli
31	19	46.3	523	2	US-08-508-786-8	Sequence 8, Appli
32	19	46.3	523	2	PCT-US96-12158-8	Sequence 8, Appli
33	19	46.3	574	5	US-08-508-786-7	Sequence 7, Appli
34	19	46.3	574	5	PCT-US96-12158-7	Sequence 7, Appli
35	19	46.3	675	4	US-09-328-111-844	Sequence 844, App
36	19	46.3	722	2	US-08-508-786-6	Sequence 6, Appli
37	19	46.3	722	2	PCT-US96-12158-6	Sequence 6, Appli
38	19	46.3	1030	2	US-08-508-786-5	Sequence 5, Appli
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40	19	46.3	1294	4	US-08-508-786-4	Sequence 4, Appli
41	19	46.3	1294	5	PCT-US96-12158-4	Sequence 4, Appli
42	19	46.3	1372	2	US-08-508-786-3	Sequence 3, Appli
43	19	46.3	1372	5	PCT-US96-12158-3	Sequence 3, Appli
44	19	46.3	1988	2	US-08-508-786-2	Sequence 2, Appli
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ALIGNMENTS

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RESULT 1
US-09-336-447A-8
; Sequence 8, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP21 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 3295
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-336-447A-8

Query Match          54.6%; Score 22.4; DB 4; Length 3295;
Best Local Similarity 72.5%; Pred. No. 3.4;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY      1 CAAACTAGTCACAAAGTCATCAAACTAGTCACAAAGTC 40
      ||| | | ||||| | | | | | ||| |||||
DB      2118 CAACTATATTCAAAGATCTTCACAGAGGTCGAAAGTC 2157

RESULT 2
US-09-336-447A-2
; Sequence 2, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP21 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
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; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: CDNA
US-08-123-343A-6

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Query Match	49.8%	Score 20.4	DB 1	Length 3500
Best Local Similarity	71.1%	Pred. No. 22		
Matches 27	Conservative	0	Mismatches 11	Indels 0
				Gaps 0

QY 2 AAAACTAGTCAAGGTATCAAACTAGTCAAGT 39
||| | ||||| | ||||| | ||||| ||
Db 2126 AAATGCAATCAAGATTATCAAAAGTATCTCAAAAGT 2089

RESULT 6
US-07-686-591-3
; Sequence 3, Application US/07686591
; Patent No. 5215015

GENERAL INFORMATION:
APPLICANT: Tibbitt, Mario
APPLICANT: Jarvie, Keith R.
APPLICANT: Caron, Marc G.
TITLE OF INVENTION: Cloned Gene Encoding Rat D1B Dopamine Receptor
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley, Bell, Seltzer, Park and Gibson
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: NO. 5215915th Carolina
COUNTRY: U.S.A.
ZIP: 28234

```

: COMPUTER READABLE FORM:
:
: MEDIUM TYPE: Floppy disk
:
: COMPUTER: IBM PC compatible
:
: OPERATING SYSTEM: PC-DOS/MS-DOS
:
: SOFTWARE: PatentIn Release #1.24
:
: CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/07/6686,594
FILING DATE: 19910406
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405,24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-861-3140
TELEFAX: 919-861-3175

TELEX: 575102
INFORMATION FOR SEQ. ID NO.: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2308 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N
FEATURE:

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; NAME/KEY: CDS
; LOCATION: 694..2118
; OTHER INFORMATION:
US-07-686-591-3

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Query Match	49.3%	Score 20.2	DB 1	Length 2308
Best Local Similarity	68.3%	Pred. No. 23		
Matches 28	Conservative 0	Mismatches 13	Indels 0	Gaps 0

OY 1 CAAAGCTAGGTC AAGTCAATCAAAGCTCA 41
||| | ||||| ||||| ||||| ||||
Db 1539 CAAGAAGAGACCAAGTCTTCAAAACCCTGTCAATGATCA 1579

RESULT 7

US-07-970-715-3
; Sequence 3, Application US/07970715

Patent NO. 5245011
GENERAL INFORMATION:
APPLICANT: Tiberli, Mario
APPLICANT: Jarvie, Keith R.
APPLICANT: Caron, Marc G.
TITLE OF INVENTION: Cloned Gene Encoding Rat D1B Dopamine Receptor
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sidley, Bell, Seltzer, Park and Gibson
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: No. 5245011th Carolina
COUNTRY: U.S.A.

FILE# 26234
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/970,715
FILING DATE: 19921103
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/686,591
FILING DATE: 4/6/91
ATTORNEY/AGENT INFORMATION:

NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 3:

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? SEQUENCE CHARACTERISTICS:
? LENGTH: 2308 base pairs
? TYPE: NUCLEIC ACID
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? HYPOTHEetical: N
? ANTI-SENSE: N
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 694..2118
? OTHER INFORMATION:
?
? OS-07-970-715-3

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Query Match	49.3%	Score 20.2;	DB 1;	Length 2308;
Best Local Similarity	68.3%;	Pred. No. 23;		
Matches 20;	Conservative 0;	Mismatches 13;	Indels 0;	Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCATCAAACTAGGTCAAAGGTCA 41
 ||| + + ||||| ||||| ||||| |||
 Db 1539 CAAGAAGCAGACCAAGGCTTCAAAACCTGTCAATATCA 1579

RESULT 8
US-09-222-938A-47/0

Patent NO. 6437108
GENERAL INFORMATION:
APPLICANT: Youngman, Phillip

```

; APPLICANT: Murphy, Christopher
; APPLICANT: Guzman, Luz-Maria
; TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE

```

; CURRENT FILING DATE: 1998-12-30

NUMBER OF SEQ ID NOS: 102
SOFTWARE: FastSeq for Windows version 3.0
SEQ ID NO: 47
LENGTH: 1200
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
FEATURE:
NAME/KEY: CDS
LOCATION: (95)...(1126)
US-09-222-938A-47

Query Match 48.8%; Score 20; DB 4; Length 1200;
Best Local Similarity 72.2%; Pred. No. 24;
Matches 26; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 6 CTAGCTCAAGGTCATCAAACTAGTCAAGGTCA 41
DB 542 CTGCTCAAAATCCTTCAGAAATTTGTCAAGGTGA 507

RESULT 9

US-08-366-490-5
Sequence 5, Application US/08366490
Patent No. 5877403
GENERAL INFORMATION:
APPLICANT: McMaster, J. Russell
APPLICANT: Boeshore, Maury L.
APPLICANT: Tricoli, David M.
APPLICANT: Reynolds, John F.
APPLICANT: Carney, Kim J.
TITLE OF INVENTION: PAPAYA RINGSPOT VIRUS PROTEASE GENE
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitzpatrick, Cella, Harper, and Scinto
STREET: 277 Park Avenue
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10172-0194
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/366,490
FILING DATE: 30-DEC-1994
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Fitzpatrick, Cella, Harper, and Scinto
REFERENCE/DOCKET NUMBER: 4869
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-2400
TELEFAX: 212-758-2982
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1797 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
ORGANISM: PAPAYA RINGSPOT VIRUS
STRAIN: P-TYPE
INDIVIDUAL ISOLATE: USA (HA attenuated)
FEATURE:
NAME/KEY: CDS
LOCATION: 3..1782
FEATURE:
NAME/KEY: mat_peptide

LOCATION: 3..191
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 192..362
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 363..1643
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1644..1782
US-08-366-490-5

Query Match 48.3%; Score 19.8; DB 2; Length 1797;
Best Local Similarity 69.2%; Pred. No. 31;
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCATCAAACTAGTCAAGGT 39
DB 1214 CAGAGCTAGTTTGGGCCATGAAAGCTGGGACAGGT 1252

RESULT 10

US-08-860-483A-5
Sequence 5, Application US/08860483A
Patent No. 6046384
GENERAL INFORMATION:
APPLICANT: McMaster, J. R.
APPLICANT: Boeshore, Maury L.
APPLICANT: Tricoli, David M.
APPLICANT: Reynolds, John F.
APPLICANT: Carney, Kim J.
APPLICANT: Sligton, Jerry L.
APPLICANT: Gonsalves, Dennis
TITLE OF INVENTION: Papaya Ringspot Virus N1a Protease Gene
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rocky, Milnamov & Katz
STREET: 180 N. Stetson Avenue, 2 Prudential Plaza,
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/860,483A
FILING DATE: 26-JUN-1997
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mueller, Lisa V.
REGISTRATION NUMBER: 38,978
REFERENCE/DOCKET NUMBER: SVS3801P0091US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 3126165400
TELEFAX: 3126165460
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1797 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 3..1779
FEATURE:
NAME/KEY: CDS
LOCATION: 1782..1797
US-08-860-483A-5

GENERAL INFORMATION:
APPLICANT: McMaster, J. R.
APPLICANT: Boeshore, Maury L.
APPLICANT: Tricoli, David M.
APPLICANT: Reynolds, John F.
APPLICANT: Carney, Kim J.
APPLICANT: Slighton, Jerry L.
APPLICANT: Gonsalves, Dennis
TITLE OF INVENTION: Papaya Ringspot Virus NIA Protease Gene
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rocky, Milanov & Katz
STREET: 160 N. Stetson Avenue, 2 Prudential Plaza,
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/860,483A
FILING DATE: 26-JUN-1997
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mueller, Lisa V.
REGISTRATION NUMBER: 38,978
REFERENCE/DOCKET NUMBER: SVS3801P0091US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 3126165400
FAX: 3126165460
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1900 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
US-08-860-483A-9
Query Match 48.3%; Score 19.8; DB 3; Length 1900;
Best Local Similarity 69.2%; Pred. No. 32;
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
OY 1 CAAAGTCAAGTCAAGTCAAGTCAAGTCAAGT 39
DB 1226 CAGAGCTAGTTTAGGCGCATGAAGCTGGGACAGGT 1264
RESULT 14
US-08-91A-1/c
Sequence 1, Application US/08348891A
Patent No. 5654136
GENERAL INFORMATION:
APPLICANT: SASAKI, Keiko
APPLICANT: MORI, Takayuki
APPLICANT: MAKINO, Satoshi
TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE,
TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR
TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: YOUNG & THOMPSON
STREET: 745 South 23rd Street
CITY: Arlington
STATE: Virginia
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/348,891A
FILING DATE: 25-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,400
FILING DATE: 10-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-293625
FILING DATE: 14-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: PATCH, Andrew J.
REGISTRATION NUMBER: 32,925
REFERENCE/DOCKET NUMBER: KP-7501
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-521-2297
FAX: 703-685-0573
TELEX: 248425 EMBON
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15894 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 106..1682
FEATURE:
NAME/KEY: CDS
LOCATION: 1807..3327
FEATURE:
NAME/KEY: CDS
LOCATION: 3438..4442
FEATURE:
NAME/KEY: CDS
LOCATION: 5458..7107
FEATURE:
NAME/KEY: CDS
LOCATION: 7271..9121
FEATURE:
NAME/KEY: CDS
LOCATION: 9234..15782
US-08-348-891A-1
Query Match 48.3%; Score 19.8; DB 1; Length 15894;
Best Local Similarity 77.4%; Pred. No. 54;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
OY 11 TCAAGTCAATCAAACTAGTCAAGGTCA 41
DB 9931 TCACATATCATCAAAACCAAGTCAATGTCA 9901
RESULT 15
US-08-905-817-1/c
Sequence 1, Application US/08905817
Patent No. 5824777
GENERAL INFORMATION:
APPLICANT: SASAKI, Keiko
APPLICANT: MORI, Takayuki
APPLICANT: MAKINO, Satoshi
TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE,
TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR
TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: YOUNG & THOMPSON
STREET: 745 South 23rd Street
CITY: Arlington

STATE: Virginia
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0,
CURRENT APPLICATION DATA: Version #1.30
APPLICATION NUMBER: US/08/905,817
FILING DATE: 04-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,891
FILING DATE: 25-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,400
FILING DATE: 10-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-293625
FILING DATE: 14-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: PATCH, Andrew J.
REGISTRATION NUMBER: 32,925
REFERENCE/DOCKET NUMBER: KP-7501A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-521-2297
TELEFAX: 703-685-0573
TELEX: 248425 EMBON
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15894 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 108..1682
FEATURE:
NAME/KEY: CDS
LOCATION: 1807..3327
FEATURE:
NAME/KEY: CDS
LOCATION: 3438..4442
FEATURE:
NAME/KEY: CDS
LOCATION: 5458..7107
FEATURE:
NAME/KEY: CDS
LOCATION: 7271..9121
FEATURE:
NAME/KEY: CDS
LOCATION: 9234..15782
US-08-905-817-1

Query Match 48.3%; Score 19.8; DB 1; Length 15894;
Best Local Similarity 77.4%; Pred. No. 54;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 11 TCAAGGTCATCAAACTAGTCAAAAGTCA 41
||| | ||||| || ||||| |||
DB 9931 TCACATACATCAAAACGATTCAAATGTCA 9901

Search completed: June 13, 2003, 20:57:55
Job time : 6.57774 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 11.566 Seconds
(without alignments)
5133.209 Million cell updates/sec

Title: US-09-808-388-3

Perfect score: 41

Sequence: 1 caaactagctcaagtgca.....caaactagctcaagtgca 41

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_MA:*

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2: /cgn2_6/ptodata/2/pubpna/PT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
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13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	100.0	41	10	US-09-808-388-3
2	41	100.0	332	10	US-09-808-388-6
3	29	70.7	60	9	US-09-877-705A-142
4	29	70.7	60	9	US-09-877-738A-142
5	25	61.0	38	10	US-09-808-388-2
6	23.6	57.6	177556	9	US-09-952-213D-6
7	22.4	54.6	3295	9	US-09-952-267-8
8	22.4	54.6	3349	9	US-09-952-267-8
9	21.4	52.2	474	9	US-09-918-995-29668
10	21.4	52.2	634	9	US-10-060-036-215
11	21.4	52.2	2930	10	US-09-960-253-156
12	21.4	52.2	3044	10	US-09-980-107-3718
13	21.4	52.2	3047	10	US-09-984-864-329
14	21.4	52.2	3115	9	US-09-925-299-123
15	21.4	52.2	3115	10	US-09-925-299-123
16	21.2	51.7	532	10	US-09-864-761-7870
17	21	51.2	52	10	US-09-808-388-4
18	21	51.2	865	10	US-09-879-536-128
19	21	51.2	9218	9	US-09-764-872-951

20	21	51.2	1503841	9	US-09-946-807-1	Sequence 1, Appli
21	21	51.2	1503841	10	US-09-795-668-1	Sequence 1, Appli
22	21	51.2	1503841	10	US-09-795-668-1	Sequence 1, Appli
23	20.8	50.7	359	9	US-10-060-036-3344	Sequence 3344, Ap
24	20.8	50.7	493	9	US-09-918-995-25006	Sequence 25006, A
25	20.8	50.7	8414	9	US-09-764-866-1278	Sequence 1278, Ap
26	20.6	50.2	513509	9	US-09-754-853A-4	Sequence 4, Appli
27	20.4	49.8	316	9	US-10-060-036-2790	Sequence 2790, Ap
28	20.4	49.8	317	10	US-09-920-300A-819	Sequence 819, Ap
29	20.4	49.8	317	10	US-09-998-5588-2092	Sequence 2092, Ap
30	20.4	49.8	317	12	US-10-033-528-819	Sequence 819, Ap
31	20.4	49.8	410	9	US-10-198-846-13374	Sequence 13374, A
32	20.4	49.8	595	9	US-09-796-692-8696	Sequence 8696, Ap
33	20.4	49.8	595	9	US-10-040-862-8696	Sequence 8696, Ap
34	20.4	49.8	603	9	US-10-046-935-1043	Sequence 1043, Ap
35	20.4	49.8	603	9	US-09-878-178-1043	Sequence 1043, Ap
36	20.4	49.8	603	9	US-10-146-502-1043	Sequence 1043, Ap
37	20.4	49.8	765	9	US-10-198-846-2639	Sequence 2639, Ap
38	20.4	49.8	910	10	US-09-879-536-129	Sequence 129, Ap
39	20.4	49.8	1667	9	US-10-198-846-11043	Sequence 11043, A
40	20.4	49.8	2096	9	US-09-764-891-9535	Sequence 9535, Ap
41	20.4	49.8	3205	9	US-09-764-891-9536	Sequence 9536, Ap
42	20.4	49.8	3802	9	US-10-108-603-88	Sequence 88, Appli
43	20.4	49.8	17450	9	US-09-764-891-8641	Sequence 8641, Ap
44	20.2	49.3	1659	9	US-09-925-299-190	Sequence 190, App
45	20.2	49.3	1659	10	US-09-925-299-190	Sequence 190, App

ALIGNMENTS

RESULT 1
US-09-808-388-3
; Sequence 3, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salavat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-3

Query Match 100.0%; Score 41; DB 10; Length 41;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGCTCAAGGTCATCAAACTAGGCTCAAGGTC 41
DB 1 CAAACTAGGCTCAAGGTCATCAAACTAGGCTCAAGGTC 41

RESULT 2
US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1

```

; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE/PLA2s hybrid promoter
US-09-808-388-6

```

```

Query Match      100.0%; Score 41; DB 10; Length 332;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
Oy
1 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 41
|||||
Db 13 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 53

```

```

RESULT 3
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

```

```

Query Match      70.7%; Score 29; DB 9; Length 60;
Best Local Similarity 97.6%; Pred. No. 0.063;
Matches 40; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

```

```
Oy
1 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 41
|||||
Db 60 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 21

```

```

RESULT 4
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; FILE REFERENCE: 26757-701

```

```

; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

```

```

Query Match      70.7%; Score 29; DB 9; Length 60;
Best Local Similarity 97.6%; Pred. No. 0.063;
Matches 40; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

```

```
Oy
1 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 41
|||||
Db 60 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 21

```

```

RESULT 5
US-09-808-388-2
; Sequence 2, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berendaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-2

```

```

Query Match      61.0%; Score 25; DB 10; Length 38;
Best Local Similarity 92.7%; Pred. No. 1.8;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

```

```
Oy
1 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 41
|||||
Db 1 CAAACTAGTCAAGGTCATCAAACTAGTCAAGGTCA 38

```

```

RESULT 6
US-09-952-213D-6/c
; Sequence 6, Application US/09952213D
; Publication No. US20030096240A1
; GENERAL INFORMATION:
; APPLICANT: MURAD, FERID
; APPLICANT: SHARINA, IRAIDA G.
; APPLICANT: KRUMENACKER, J. S.
; APPLICANT: MARTIN, E.
; TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN SGC
; FILE REFERENCE: UTSH:2520S
; CURRENT APPLICATION NUMBER: US/09/952,213D
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15

```

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 177556
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: modified_base
LOCATION: (2293..144567)
OTHER INFORMATION: N = A, C, T/U OR G
US-09-952-213D-6

Query Match 57.6%; Score 23.6; DB 9; Length 177556;
Best Local Similarity 76.3%; Pred. No. 45;
Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

OY 2 AAAACTAGGTCAAGGTCAATCAAGGTCAAGGTCAAGGT 39
Db 120237 AATTCAGGTGAGGTGATGAGGCTTGCGCAAGGT 120200

RESULT 7
US-09-952-267-8
Sequence 8, Application US/09952267
Publication No. US20030032772A1
GENERAL INFORMATION:
APPLICANT: HANSEN, ERIC J.
APPLICANT: AEBI, CHRISTOPH
APPLICANT: COPE, LESLIE D.
APPLICANT: MACIVER, ISOBEL
APPLICANT: FISKE, MICHAEL J.
APPLICANT: FREDENBURG, ROSS A.
TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS
FILE REFERENCE: AMCY:024
CURRENT APPLICATION NUMBER: US/09/952,267
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: 09/336,447
PRIOR FILING DATE: 1999-06-21
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 3295
TYPE: DNA
ORGANISM: Moraxella catarrhalis
US-09-952-267-8

Query Match 54.6%; Score 22.4; DB 9; Length 3295;
Best Local Similarity 72.5%; Pred. No. 49;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCAATCAAGGTCAAGGTCAAGGT 40
Db 2118 CAAGTATATCAAGATCTTCAGACGAGGTGAAGGTC 2157

RESULT 8
US-09-952-267-2
Sequence 2, Application US/09952267
Publication No. US20030032772A1
GENERAL INFORMATION:
APPLICANT: HANSEN, ERIC J.
APPLICANT: AEBI, CHRISTOPH
APPLICANT: COPE, LESLIE D.
APPLICANT: MACIVER, ISOBEL
APPLICANT: FISKE, MICHAEL J.
APPLICANT: FREDENBURG, ROSS A.
TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS
FILE REFERENCE: AMCY:024
CURRENT APPLICATION NUMBER: US/09/952,267
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: 09/336,447
PRIOR FILING DATE: 1999-06-21
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 2
LENGTH: 3349
TYPE: DNA
ORGANISM: Moraxella catarrhalis
US-09-952-267-2

Query Match 54.6%; Score 22.4; DB 9; Length 3349;
Best Local Similarity 72.5%; Pred. No. 49;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

OY 1 CAAACTAGGTCAAGGTCAATCAAGGTCAAGGTCAAGGT 40
Db 1311 CAAGTATATCAAGATCTTCAGACGAGGTGAAGGTC 1350

RESULT 9
US-09-918-995-29668/c
Sequence 29668, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 29668
LENGTH: 474
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(474)
OTHER INFORMATION: n = A,T,C or G
US-09-918-995-29668

Query Match 52.2%; Score 21.4; DB 9; Length 474;
Best Local Similarity 71.8%; Pred. No. 72;
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

OY 2 AAACTAGGTCAAGGTCAATCAAGGTCAAGGTCAAGGT 40
Db 203 AATATTCAGTCCAGGCGATCACTCCAGGCAAGGTC 165

RESULT 10
US-10-060-036-215/c
Sequence 215, Application US/10060036
Publication No. US20030073144A1
GENERAL INFORMATION:
APPLICANT: Benson, Darin R.
APPLICANT: Kalos, Michael D.
APPLICANT: Lodges, Michael J.
APPLICANT: Persing, David H.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
AND DIAGNOSIS OF PANCREATIC CANCER
FILE REFERENCE: 210121.566
CURRENT APPLICATION NUMBER: US/10/060,036
CURRENT FILING DATE: 2002-01-30
NUMBER OF SEQ ID NOS: 4560
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 215
LENGTH: 634
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature

LOCATION: 518, 618
OTHER INFORMATION: n = A,T,C or G
US-10-060-036-215

Query Match 52.2%; Score 21.4; DB 9; Length 634;
Best Local Similarity 71.8%; Pred. No. 78;
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGGTCATCAAACTAGGTCAAGGTC 40
DB 287 AATATTCAGTCAAGGTCATCAACTCAAGCCAAAGGTC 249

RESULT 11
US-09-960-253-156/C
Sequence 156, Application US/09960253
Patent No. US20020123619A1
GENERAL INFORMATION:
APPLICANT: Benson, Darin R.
APPLICANT: Mohamath, Raodoh
APPLICANT: Lodes, Michael J.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.556
CURRENT APPLICATION NUMBER: US/09/960,253
CURRENT FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 187
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 156
LENGTH: 2930
TYPE: DNA
ORGANISM: Homo sapiens
US-09-960-253-156

Query Match 52.2%; Score 21.4; DB 10; Length 2930;
Best Local Similarity 71.8%; Pred. No. 1.1e+02;
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGGTCATCAAACTAGGTCAAGGTC 40
DB 757 AATATTCAGTCAAGGTCATCAACTCAAGCCAAAGGTC 719

RESULT 12
US-09-880-107-3718/C
Sequence 3718, Application US/09880107
Patent No. US20020142981A1
GENERAL INFORMATION:
APPLICANT: Horne, Darci T.
APPLICANT: Vockley, Joseph G.
APPLICANT: Scherif, Uwe
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
FILE REFERENCE: 44921-5028-WO
CURRENT APPLICATION NUMBER: US/09/880,107
CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 3950
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3718
LENGTH: 3044
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: (1).(3044)
OTHER INFORMATION: n = a or c or g or t
US-09-880-107-3718

Query Match 52.2%; Score 21.4; DB 10; Length 3044;
Best Local Similarity 71.8%; Pred. No. 1.1e+02;
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGGTCATCAAACTAGGTCAAGGTC 40
DB 798 AATATTCAGTCAAGGTCATCAACTCAAGCCAAAGGTC 760

RESULT 13
US-09-864-864-329/C
Sequence 329, Application US/09864864
Patent No. US20020102679A1
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Dillon, David C.
APPLICANT: Secrist, Heather
APPLICANT: Lodes, Michael J.
APPLICANT: Algate, Paul A.
APPLICANT: Fligg, Steve P.
APPLICANT: Mannion, Jane
APPLICANT: Benson, Darin R.
APPLICANT: Carter, Darrick
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.523
CURRENT APPLICATION NUMBER: US/09/864,864
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 341
SOFTWARE: Corixa Invention Disclosure Database
SEQ ID NO 329
LENGTH: 3047
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(3047)
OTHER INFORMATION: n = A,T,C or G
US-09-864-864-329

Query Match 52.2%; Score 21.4; DB 10; Length 3047;
Best Local Similarity 71.8%; Pred. No. 1.1e+02;
Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACAGTCAAGGTCATCAAACTAGGTCAAGGTC 40
DB 798 AATATTCAGTCAAGGTCATCAACTCAAGCCAAAGGTC 760

RESULT 14
US-09-925-299-123/C
Sequence 123, Application US/09925299
Publication No. US20030040617A9
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA102
CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 123
LENGTH: 3115
TYPE: DNA
ORGANISM: Homo sapiens
US-09-925-299-123

Query Match 52.2%; Score 21.4; DB 9; Length 3115;
 Best Local Similarity 71.8%; Pred. No. 1.1e+02;
 Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAGGTATCAAACTAGGTCAAGGTC 40
 DB 830 AATATTGAGTCCAGGCGCATCAACTCAAGCCAAAGGTC 792

RESULT 15

US-09-925-299-123/C
 ; Sequence 123, Application US/09925299
 ; Patent No. US20020055627A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA102
 ; CURRENT APPLICATION NUMBER: US/09/925,299
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05883
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-03-12
 ; NUMBER OF SEQ ID NOS: 1556
 ; SOFTWARE: PatentIn Ver. 2.0.
 ; SEQ ID NO 123
 ; LENGTH: 3115
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-925-299-123

Query Match 52.2%; Score 21.4; DB 10; Length 3115;
 Best Local Similarity 71.8%; Pred. No. 1.1e+02;
 Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAGGTATCAAACTAGGTCAAGGTC 40
 DB 830 AATATTGAGTCCAGGCGCATCAACTCAAGCCAAAGGTC 792

Search completed: June 14, 2003, 01:26:08
 Job time : 15.566 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 7.0742 Seconds
(without alignments)
2254.273 Million cell updates/sec

Title: US-09-808-388-4

Perfect score: 52
Sequence: 1 caaactagctcaagtcgca.....caaactagctcaagtcgca 52

Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*
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2: /cgn2_6/ptodata/2/ind/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ind/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ind/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ind/PTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ind/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	23.2	44.6	232	5	PCT-US93-06251-44
C 2	21.8	41.9	72928	3	US-09-009-913-1
C 3	20.8	40.0	541	4	US-09-404-879A-26
4	20.8	40.0	3970	1	US-07-925-695-3
5	20.8	40.0	9589	1	US-07-925-695-1
6	20.8	40.0	9589	1	US-07-925-695-2
C 7	20.6	39.6	2455	1	US-08-073-807A-1
C 8	20.6	39.6	4052	1	US-08-057-167-1
C 9	20.6	39.6	4052	2	PCT-US93-05412-1
10	20.6	39.6	246240	2	US-08-724-394A-20
11	20.6	39.6	246240	2	US-08-724-394A-21
12	20.6	39.6	246240	2	US-08-724-394A-22
13	20.4	39.2	3022	4	US-09-232-278A-8
C 14	20.4	39.2	3177	3	US-09-058-489-50
15	20.4	39.2	3674	1	US-08-105-483-324
16	20.4	39.2	3674	1	US-08-105-483-324
17	20.4	39.2	3674	1	US-08-709-209-324
18	20.2	38.8	328	1	US-08-458-101-324
C 19	20.2	38.8	4808	1	US-08-455-550-5
C 20	20.2	38.8	4808	2	US-08-351-413-17
C 21	20.2	38.5	4808	2	US-09-025-583-17
22	20.2	38.5	8621	4	US-08-994-344C-1
23	20.2	38.5	8621	4	US-09-125-028-1
24	19.8	38.1	45546	4	US-09-146-053-6
25	19.8	38.1	1488	3	US-08-834-655-3
26	19.8	38.1	1488	3	US-08-834-033A-3
27	19.8	38.1	1488	3	US-09-163-574-3
				4	US-09-163-526-3

28	19.8	38.1	1488	4	US-09-330-235-19	Sequence 19, App1
C 29	19.8	38.1	1733	3	US-09-147-522-1	Sequence 1, App1
30	19.8	38.1	2417	1	US-08-011-398B-1	Sequence 1, App1
31	19.8	38.1	2417	1	US-08-464-051-1	Sequence 1, App1
32	19.8	38.1	2417	2	US-08-462-498-1	Sequence 1, App1
33	19.8	38.1	2417	3	US-08-554-385-2	Sequence 2, App1
34	19.8	38.1	2886	4	US-09-280-116-104	Sequence 104, App
C 35	19.8	38.1	3611	2	US-08-727-118-1	Sequence 1, App1
36	19.6	37.7	827	4	US-08-858-207A-190	Sequence 190, App
37	19.6	37.7	1497	1	US-08-488-961-5	Sequence 5, App1
38	19.6	37.7	1497	4	US-08-973-297-5	Sequence 5, App1
39	19.6	37.7	1497	5	PCT-US96-06511-5	Sequence 5, App1
40	19.6	37.7	28882	4	US-08-961-527-140	Sequence 140, App
41	19.4	37.3	1846	1	US-08-483-389-117	Sequence 117, App
42	19.4	37.3	2986	3	US-09-062-416-1	Sequence 1, App1
43	19.4	37.3	3016	2	US-08-344-155C-97	Sequence 97, App1
44	19.4	37.3	3017	4	US-09-009-490A-86	Sequence 86, App1
45	19.4	37.3	3024	6	5284931-1	Patent No. 5284931

ALIGNMENTS

RESULT 1
PCT-US93-06251-44/C
Sequence 44, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: WICKSTROM, Eric and Rife, Jason P.
TITLE OF INVENTION: Triterpene Synthesis of Oligonucleotides Containing Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDING ADDRESSES:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DIGILLO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-44

Query Match 44.6%; Score 23.2; DB 5; Length 232;
Best Local Similarity 70.5%; Pred. No. 1.1;
Matches 31; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

OY 2 AAACAGGCTCAAGTCAATGCTTAGGCCCCAAACTAGGTCA 45
DB 73 AAAGTAGGCTTGTGCGGCTTGTGACCCGACGACGTGCTCA 30

RESULT 2
US-09-009-913-1
; Sequence 1, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: AYS Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 72928 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-09-009-913-1

Query Match 41.9%; Score 21.8; DB 3; Length 72928;
Best Local Similarity 65.3%; Pred. No. 17;
Matches 32; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 2 AAAGTCAAGTCATGCTTTAGGCCCAAAAGTCAAGGT 50
DB 37573 AAAGTCAATGCAATGCTCTTTCTCAGCAATCTTGTCATGTGT 37621

RESULT 3
US-09-404-879A-26/C
; Sequence 26, Application US/09404879A
; Patent No. 6468546
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.462C2
; CURRENT APPLICATION NUMBER: US/09/404,879A
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 393
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapien
; US-09-404-879A-26

Query Match 40.0%; Score 20.8; DB 4; Length 541;
Best Local Similarity 78.1%; Pred. No. 13;
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 CTAGTCAAGTCAATGCTTTAGGCCCAAA 37
DB 294 CAAGTCAAGGACATGCTTTAGGCCCAAA 263

RESULT 4
US-07-925-695-3
; Sequence 3, Application US/07925695
; Patent No. 5428145
; GENERAL INFORMATION:
; APPLICANT: OKAMOTO, Hiroaki
; APPLICANT: NAKAMURA, Tetsuo
; TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME,
; TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young
; STREET: 1850 M Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/925,695
; FILING DATE: 19920807
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 287402/91
; FILING DATE: 09-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 360441/91
; FILING DATE: 05-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEX: WUT 64470
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3970 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-925-695-3

Query Match 40.0%; Score 20.8; DB 1; Length 3970;
Best Local Similarity 64.6%; Pred. No. 21;
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGTCAAGTCAATGCTTTAGGCCCAAAAGTCAAGGTCA 52
DB 1954 ACTGTCAAGGACATGCAATGCCCAACATAGAGATGGGTCA 2001

RESULT 5
US-07-925-695-1
; Sequence 1, Application US/07925695
; Patent No. 5428145
; GENERAL INFORMATION:

APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME.
TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND
TITLE OF INVENTION: DETECTION SYSTEMS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESS: Beveridge, Degrandi, Weillacher & Young
STREET: 1850 M Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/925,695
FILING DATE: 19920807
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 287402/91
FILING DATE: 09-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 360441/91
FILING DATE: 05-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Weillacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/87-48009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEFAX: (202) 659-1462
TELEX: WUI 64470
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 9589 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-925-695-1

Query Match 40.0%; Score 20.8; DB 1; Length 9589;
Best Local Similarity 54.2%; Pred. No. 26;
Matches 26; Conservative 5; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGGTCAAGGTCATGCTTTAGGCCCAAACTAGGTCAAGGTCA 52
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Db 4152 ACUUGUCCAGGACAGGCAUCCACCAUAGGACUGGGGUCA 4199

RESULT 6
US-07-925-695-2
Sequence 2, Application US/07925695
Patent No. 5428145
GENERAL INFORMATION:
APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME.
TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND
TITLE OF INVENTION: DETECTION SYSTEMS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESS: Beveridge, Degrandi, Weillacher & Young
STREET: 1850 M Street, N.W., Suite 800
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/925,695
FILING DATE: 19920807
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 287402/91
FILING DATE: 09-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 360441/91
FILING DATE: 05-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Weillacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/87-48009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEFAX: (202) 659-1462
TELEX: WUI 64470
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 9589 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-925-695-2

Query Match 40.0%; Score 20.8; DB 1; Length 9589;
Best Local Similarity 64.6%; Pred. No. 26;
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGGTCAAGGTCATGCTTTAGGCCCAAACTAGGTCAAGGTCA 52
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Db 4152 ACTGTCCAGGACATGTCATCATCCACATTAGGACGTGGGTCA 4199

RESULT 7
US-08-073-807A-1/c
Sequence 1, Application US/08073807A
Patent No. 5646248
GENERAL INFORMATION:
APPLICANT: Sawada, Ritsuko
APPLICANT: Lowe, John B.
TITLE OF INVENTION: CELL SURFACE LAMP EXPRESSION AND
TITLE OF INVENTION: SELECTIN-DEPENDENT ADHESION
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESS: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/073,807A
FILING DATE: 08-JUN-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9567
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 1:

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SEQUENCE CHARACTERISTICS:
LENGTH: 2455 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 191..1438
US-08-073-807A-1

Query Match 39.6%; Score 20.6; DB 1; Length 2455;
Best Local Similarity 85.2%; Pred. No. 22;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 8 AGGTCAAGGTCATGCTTTAGGCCA 34
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Db 387 AGTCAAGGTCATGCTTGTGGGCCA 361

RESULT 8
US-08-057-167-1/c
Sequence 1, Application US/08057167
Patent No. 5541095
GENERAL INFORMATION:
APPLICANT: Hirschberg, Carlos B.
APPLICANT: Orellana, Ariel
APPLICANT: Hashimoto, Yasuhito
APPLICANT: Swiedler, Stuart J.
APPLICANT: Wei, Zheng
APPLICANT: Ishihara, Masayuki
TITLE OF INVENTION: GLYCOSAMINOGLYCAN SPECIFIC
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/057,167
FILING DATE: 19930430
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/899,432
FILING DATE: 16 June 1992
ATTORNEY/AGENT INFORMATION:
NAME: CLARK, PAUL T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04020/015002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4052
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-08-057-167-1

Query Match 39.6%; Score 20.6; DB 1; Length 4052;
Best Local Similarity 62.7%; Pred. No. 25;
Matches 32; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

1 CAAACTAGAGTCGAAGTCATGCTTTAGGCCCAAACTAGTCAAAGGTC 51

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[illegible]

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Filts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 246240 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..246240
OTHER INFORMATION: /note= "HEA-H.CONTIG"
US-08-724-394A-21

Query Match 39.6%; Score 20.6; DB 2; Length 246240;
Best Local Similarity 67.4%; Pred. No. 67;
Matches 29; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 1 CAAACACTAGGTCAAAGGTCATGCTTTAGGCCCAAAACTAGT 43
Db 121059 CAAAAATAGGTGAGAAATTTGTTTAAAGATTAACCTAGT 121101
||||| ||||| | | ||| | | ||| |||||

RESULT 12
US-08-724-394A-22
Sequence 22, Application US/08724394A
Patent No. 5872237
GENERAL INFORMATION:
APPLICANT: Kromal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchinashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
TITLE OF INVENTION: Sequences and Antibodies Therefo
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Filts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300

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INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:

LENGTH: 246240 base pairs

TYPE: nucleic acid

STRANDEDNESS: not relevant

TOPOLOGY: not relevant

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: misc-feature

LOCATION: 1..246240

OTHER INFORMATION: /note="HLA-H.CONTIG"

US-08-724-394A-22

Query Match

Best Local Similarity 39.6%; Score 20.6; DB 2; Length 246240;

Best Local Similarity 67.4%; Pred.No. 67;

Matches 29; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 1 CAAACATGCTCAAGGTCATGCTTTAGGCCCAAACTAGT 43

DB 121059 CAAAAATAGGTGAGAAATTTGTTTAAAGATAAAGT 121101

RESULT 13

US-09-232-278A-8

Sequence 8, Application US/09232278A

Patent No. 6348196

GENERAL INFORMATION:

APPLICANT: AUDONNET et al.

TITLE OF INVENTION: FELINE POLYNUCLEOTIDE VACCINE FORMULA

FILE REFERENCE: 454313-2220

CURRENT APPLICATION NUMBER: US/09/232,278A

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 8

LENGTH: 3022

TYPE: DNA

ORGANISM: feline leukemia virus

US-09-232-278A-8

Query Match

Best Local Similarity 39.2%; Score 20.4; DB 4; Length 3022;

Best Local Similarity 65.2%; Pred.No. 28;

Matches 30; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 4 AACTAGTCAAGGTCATGCTTTAGGCCCAAACTAGTCAAG 49

DB 1010 AAGAAAGCAAGGCTCTTCTTGAGGCCCAAGAGGTTCCAG 1055

RESULT 14

US-09-058-489-50/c

Sequence 50, Application US/09058489

Patent No. 6103886

GENERAL INFORMATION:

APPLICANT: Whitehead Institute for Biomedical Research

APPLICANT: Lahn, Bruce

APPLICANT: Page, David

TITLE OF INVENTION: Genes in the No. 6103886-Recombining Region of

FILE REFERENCE: WH197-08DA

CURRENT APPLICATION NUMBER: US/09/058,489

EARLIER FILING DATE: 1998-04-10

EARLIER FILING DATE: 1997-04-11

NUMBER OF SEQ ID NOS: 91

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 50

LENGTH: 3177

TYPE: DNA

ORGANISM: Human

US-09-058-489-50

Query Match

39.2%; Score 20.4; DB 3; Length 3177;

Best Local Similarity 71.1%; Pred.No. 28;

Matches 27; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCATGCTTTAGGCCCAAACTAGTCA 45

DB 600 AGTACAGCTCAGGTCCATTTGCCCAAGACTAGCACA 563

RESULT 15

US-08-105-483-324

Sequence 324, Application US/08105483

Patent No. 3494807

GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo

TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE

NUMBER OF SEQUENCES: 462

CORRESPONDENCE ADDRESS:

ADDRESSEE: Curtis, Morris & Safford

ADDRESSEE: c/o William S. Frommer

STREET: 530 Fifth Avenue

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/105,483

FILING DATE: 12-AUG-1993

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/847,951

FILING DATE: 06-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506

REFERENCE/DOCKET NUMBER: 454310-2400

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 840-3333

TELEFAX: (212) 840-0712

INFORMATION FOR SEQ ID NO: 324:

SEQUENCE CHARACTERISTICS:

LENGTH: 3674 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-105-483-324

Query Match

Best Local Similarity 39.2%; Score 20.4; DB 1; Length 3674;

Best Local Similarity 65.2%; Pred.No. 29;

Matches 30; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 4 AACTAGTCAAGGTCATGCTTTAGGCCCAAACTAGTCAAG 49

DB 1661 AAGAAAGCAAGGCTCTTCTTGAGGCCCAAGAGGTTCCAG 1706

Search completed: June 13, 2003, 20:57:57

Job time : 9.07421 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 14.669 Seconds
(without alignments)
5133.209 Million cell updates/sec

Title: US-09-808-388-4

Perfect score: 52

Sequence: 1 caaactagtcacaaagtca.....caaactagtcacaaagtca 52

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1029858 seqs, 724030393 residues 2059716

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA:*

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3: /cgn2_6/ptodata/2/pubpna/US06_NEM_PUB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES				Description	
Result No.	Score	Query Match	Length DB ID		
1	52	100.0	52 10 US-09-808-388-4	Sequence 4, Appl1	
2	23	44.2	867 10 US-09-770-445-571	Sequence 571, App	
3	22.8	43.8	60 9 US-09-877-705A-142	Sequence 142, App	
4	22.8	43.8	60 9 US-09-877-738A-142	Sequence 142, App	
5	22.2	42.7	451 9 US-09-918-995-2661	Sequence 2661, Ap	
6	22.2	42.7	456 9 US-09-918-995-15681	Sequence 15681, A	
7	22.2	42.7	42999 9 US-09-799-462A-17	Sequence 17, Appl	
8	22.2	42.7	42999 9 US-10-123-767-17	Sequence 17, Appl	
9	22.2	42.7	42999 9 US-09-836-911A-17	Sequence 17, Appl	
10	22.2	42.7	42999 9 US-10-151-081-17	Sequence 17, Appl	
11	22.2	42.7	42999 9 US-10-287-313-17	Sequence 17, Appl	
12	21.8	41.9	352 10 US-09-770-791-681	Sequence 681, App	
13	21.8	41.9	516 9 US-10-199-846-456	Sequence 456, App	
14	21.8	41.9	2086 10 US-09-784-877-3431	Sequence 3431, App	
15	21.8	41.9	6027 10 US-09-070-927A-124	Sequence 124, App	
16	21.4	41.2	2480 9 US-10-078-770-53	Sequence 53, Appl	
17	21.4	40.8	9282 9 US-09-938-842A-2525	Sequence 2525, Ap	
18	21.4	40.8	924 10 US-09-815-242-4203	Sequence 4203, Ap	
19	21.2	40.8	960 10 US-09-815-242-8214	Sequence 8214, Ap	

20	21.2	40.8	1008 10 US-09-876-225-1	Sequence 1, Appl1
21	21.2	40.8	3135 7 US-08-781-986A-461	Sequence 461, App
22	21.2	40.8	73308 10 US-09-954-456-2276	Sequence 2276, Ap
23	21	40.4	41 10 US-09-808-388-3	Sequence 3, Appl1
24	21	40.4	332 10 US-09-808-388-6	Sequence 580, Appl
25	21	40.4	478 10 US-09-864-761-580	Sequence 4401, Ap
26	21	40.4	508 10 US-09-783-590-4401	Sequence 218, App
27	20.8	40.0	498 9 US-10-202-193-218	Sequence 19237, A
28	20.8	40.0	498 9 US-09-918-995-19237	Sequence 26, Appl
29	20.8	40.0	541 9 US-09-907-966-26	Sequence 26, Appl
30	20.8	40.0	541 10 US-09-884-441-26	Sequence 335, App
31	20.8	40.0	1312 9 US-10-202-193-335	Sequence 60, Appl
32	20.8	40.0	2497 9 US-09-989-920-60	Sequence 619, App
33	20.8	40.0	5531 9 US-10-037-270-619	Sequence 6648, Ap
34	20.6	39.6	403 9 US-09-918-995-6648	Sequence 1278, Ap
35	20.6	39.6	509 10 US-09-815-343-1278	Sequence 11, Appl
36	20.6	39.6	998 10 US-09-765-213A-1	Sequence 1, Appl1
37	20.6	39.6	1251 9 US-10-125-635A-383	Sequence 383, App
38	20.6	39.6	1251 9 US-09-938-864-383	Sequence 383, App
39	20.6	39.6	1251 9 US-10-002-603-383	Sequence 2960, Ap
40	20.6	39.6	1773 9 US-09-938-842A-2960	Sequence 26, Appl
41	20.6	39.6	2072 10 US-09-725-735A-11	Sequence 26, Appl
42	20.6	39.6	436 9 US-09-522-334-26	Sequence 13, Appl
43	20.6	39.6	5046 10 US-09-725-735A-13	Sequence 6, Appl1
44	20.6	39.6	180557 12 US-10-003-806-6	Sequence 9, Appl1
45	20.6	39.6	180557 12 US-10-003-806-9	

ALIGNMENTS

RESULT 1
US-09-808-388-4
Sequence 4, Application US/09808388
Patent No. US20020081719A1
GENERAL INFORMATION:
APPLICANT: Massaad, Charbel
APPLICANT: Berenbaum, Francis
APPLICANT: Olivier, Jean-Luc
APPLICANT: Salavat, Colette
APPLICANT: Berezat, Gilbert
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
FILE REFERENCE: ST00010
CURRENT APPLICATION NUMBER: US/09/808,388
PRIOR APPLICATION NUMBER: FR/00/03262
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/196,959
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 52
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PRE element
US-09-808-388-4
Query Match 100.0%; Score 52; DB 10; Length 52;
Best Local Similarity 100.0%; Pred. No. 3.4e-11;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CAAACTAGGTCACAAAGGTCATCTTTAGGCCCAAACTAGTCAAGTCA 52
DB 1 CAAACTAGGTCACAAAGGTCATCTTTAGGCCCAAACTAGTCAAGTCA 52
RESULT 2
US-09-770-445-571
Sequence 571, Application US/09770445
Patent No. US20020023281A1

```

; GENERAL INFORMATION:
; APPLICANT: Gorlach, Jorn
; APPLICANT: An, Yong-Qiang
; APPLICANT: Hamilton, Carol M.
; APPLICANT: Price, Jennifer L.
; APPLICANT: Raine, Tracy M.
; APPLICANT: Yu, Yang
; APPLICANT: Rameaka, Joshua G.
; APPLICANT: Page, Amy
; APPLICANT: Mathew, Abraham V.
; APPLICANT: Ledford, Brooke L.
; APPLICANT: Woessner, Jeffrey P.
; APPLICANT: Haas, William David
; APPLICANT: Garcia, Carlos A.
; APPLICANT: Kricker, Maja
; APPLICANT: Slader, Ted
; APPLICANT: Davis, Keith R.
; APPLICANT: Allen, Keith
; APPLICANT: Hoffman, Neil
; APPLICANT: Hurban, Patrick
; TITLE OF INVENTION: Expressed Sequences of Arabidopsis
; FILE REFERENCE: 2023US (PARA-012PRV)
; CURRENT APPLICATION NUMBER: US/09/770,445
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: US 60/178,472
; NUMBER OF SEQ ID NOS: 999
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 571
; LENGTH: 867
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(867)
; OTHER INFORMATION: n = A,T,C or G
; US-09-770-445-571

Query Match          44.2%; Score 23; DB 10; Length 867;
Best Local Similarity 70.7%; Pred. No. 18;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY      7 TAGGTCAAGTCATGCTTTAGGCCCAAACTAGTCAAA 47
Db      606 TAGGTACCAATACGCTTTGGCGCAACACTAGATNMA 646

RESULT 3
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
; US-09-877-705A-142

Query Match          43.8%; Score 22.8; DB 9; Length 60;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 45; Conservative 0; Mismatches 7; Indels 8; Gaps 1;
```

```

QY      1 CAAACTAGGTCAAAGGTC-----ATGCTTTAGGCCCAAACTAGTCAAAAGGTCA 52
Db      60 CAAACTAGGTCAAAGGTCACAAACTAGGTCACAAACTAGGTCACAAACTAGGTCAAAGGTCA 1

RESULT 4
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
; US-09-877-738A-142

Query Match          43.8%; Score 22.8; DB 9; Length 60;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 45; Conservative 0; Mismatches 7; Indels 8; Gaps 1;
```

```

QY      1 CAAACTAGGTCAAAGGTC-----ATGCTTTAGGCCCAAACTAGTCAAAAGGTCA 52
Db      60 CAAACTAGGTCAAAGGTCACAAACTAGGTCACAAACTAGGTCACAAACTAGGTCAAAGGTCA 1

RESULT 5
US-09-918-995-2661/c
; Sequence 2661, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2661
; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(451)
; OTHER INFORMATION: n = A,T,C or G
; US-09-918-995-2661

Query Match          42.7%; Score 22.2; DB 9; Length 451;
Best Local Similarity 88.9%; Pred. No. 31;
Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      8 AGGTCAAGTCATGCTTTAGGCCCA 34
Db      163 AGGTCAAGTCATGCTTTAGGCCCA 137

RESULT 6
US-09-918-995-15681/c
; Sequence 15681, Application US/09918995
; Publication No. US20030073623A1
```

GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
FILE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 15681
LENGTH: 456
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc-feature
LOCATION: (1)...(456)
OTHER INFORMATION: n = A,T,C or G
US-09-918-995-15681

Query Match 42.7%; Score 22.2; DB 9; Length 456;
Best Local Similarity 69.8%; Pred. No. 31;
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

OY 3 AACTAGGTCGAAGTCATGCTTTAGCCCAAACTAGTGCA 45
DB 431 AACTAGGACGAGTCACAGTGTGTGGCGCAACACTTGACCA 389

RESULT 7
US-09-799-462A-17
Sequence 17, Application US/09799462A
Patent No. US20020160970A1
GENERAL INFORMATION:
APPLICANT: Hadlaczky, Gyula
Szalay, Aladar
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF
AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCauliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/799,462A
FILING DATE: 10-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/835,682
FILING DATE: 10-APR-1997
APPLICATION NUMBER: 08/695,191
FILING DATE: 07-AUG-1996
APPLICATION NUMBER: 08/682,080
FILING DATE: 15-JUL-1996
APPLICATION NUMBER: 08/629,822
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24601-402G
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8403
TELEFAX: 858-587-5360
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 42999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-799-462A-17

Query Match 42.7%; Score 22.2; DB 9; Length 42999;
Best Local Similarity 69.8%; Pred. No. 1e+02;
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

OY 3 AACTAGGTCGAAGTCATGCTTTAGCCCAAACTAGTGCA 45
DB 35024 AACTAGGACGAGTCACAGTGTGTGGCGCAACACTTGACCA 35066

RESULT 8
US-10-125-767-17
Sequence 17, Application US/10125767
Patent No. US20020160410A1
GENERAL INFORMATION:
APPLICANT: Hadlaczky, Gyula
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF AND
METHODS
FOR PREPARING ARTIFICIAL CHROMOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCauliffe LLP
STREET: 4350 La Jolla Village Drive, 7th Floor
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/125,767
FILING DATE: 17-Apr-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/724,693
FILING DATE: 28-NOV-2000
APPLICATION NUMBER: 08/835,682
FILING DATE: 10-APR-1997
APPLICATION NUMBER: 08/695,191
FILING DATE: 07-AUG-1996
APPLICATION NUMBER: 08/682,080
FILING DATE: 15-JUL-1996
APPLICATION NUMBER: 08/629,822
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24601-402J
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8403
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 42999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

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? MOLECULE TYPE: Genomic DNA
? HYPOTHETICAL: NO
? ANTI-SENSE: NO
? FRAGMENT TYPE: <Unknown>
? ORIGINAL SOURCE:
? SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-125-767-17

Query Match          42.7%   Score 22,2; DB 9; Length 42999;
Best Local Similarity 69.8%; Pred. No. 1e+02;
Matches    30; Conservative    0; Mismatches    13; Indels      0; Gaps      0

OY      3 AACTAGTCAAAGTCAATGCTTTTAGGCCCAAACTAAGTGCA 45
Db       35024 AACCTAGCAGCAGGTCCAAAGTGTGTGGCGCAACACTTGACA 35066
         ||||| | | | | | | | | | | | | | | | | | | | |
RESULT 9
US-09-836-911A-17
? Sequence 17, Application US/09836911A
? Publication No. US20030033617A1
? GENERAL INFORMATION:
  APPLICANT: Hadlaczky, Gyula
              Szalay, Aladar
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Heller Ehrman White & McCauliffe
  STREET: 4350 La Jolla Village Drive, 6th Floor
  CITY: San Diego
  STATE: CA
  COUNTRY: USA
  ZIP: 92122
COMPUTER READABLE FORM:
  MEDIUM TYPE: Diskette
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: DOS
  SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/836,911A
  FILING DATE: 17-Apr-2002
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/835,682
  FILING DATE: 10-Apr-1997
  APPLICATION NUMBER: 08/695,191
  FILING DATE: 07-Aug-1996
  APPLICATION NUMBER: 08/682,080
  FILING DATE: 15-Jul-1996
  APPLICATION NUMBER: 08/629,822
  FILING DATE: 10-Apr-1996
ATTORNEY/AGENT INFORMATION:
  NAME: Seidman, Stephanie L
  REGISTRATION NUMBER: 33,779
  REFERENCE/DOCKET NUMBER: 24601-4021
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 858-450-8403
  TELEFAX: 858-587-5360
  TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
  LENGTH: 42999 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-836-911A-17

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Query Match          42.7%; Score 22.2; DB 9; Length 42999;
Best Local Similarity 69.8%; Pred. No. 1e+02;
Matches      30; Conservative    0; Mismatches   13; Indels     0; Gaps     0;

OY      3 AACTAGTCAAAGTGCATGCTTTTAGGCCCAAACTAGTCA 45
        ||||||| | | | | | | | | | | | | | | | |
DB      35024 AAAC TAGCAGCGAGGTCCAAAGTGTTGGCGCAACACTTGACA 35066

RESULT 10
US-10-151-081-17
; Sequence 17, Application US/10151081
; Publication No. US20030083293A1
; GENERAL INFORMATION:
APPLICANT: Hadlaczky, Gyula
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF
AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCauliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/151,081
FILING DATE: 16-May-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/799,462
FILING DATE: HERewith 05-MAR-2001
APPLICATION NUMBER: 09/724,693
FILING DATE: HERewith 28-NOV-2000
APPLICATION NUMBER: 08/835,682
FILING DATE: 10-APR-1997
APPLICATION NUMBER: 08/695,191
FILING DATE: 07-AUG-1996
APPLICATION NUMBER: 08/682,080
FILING DATE: 15-JUL-1996
APPLICATION NUMBER: 08/629,822
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24601-402L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8403
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 42999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-151-081-17

Query Match          42.7%; Score 22.2; DB 9; Length 42999;
Best Local Similarity 69.8%; Pred. No. 1e+02;
Matches      30; Conservative    0; Mismatches   13; Indels     0; Gaps     0;

```


Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Oy 3 AACTAGGTCAGGTCATGCTTACGCCCAAACTAGGTCACA 45
Db 35024 AACTAGGACGAGGTCCAGGTGTGTGCGCAACACTTGACACA 35066

RESULT 11
US-10-287-313-17
Sequence 17, Application US/10287313
Publication No. US20030101480A1
GENERAL INFORMATION:
APPLICANT: Hadlaczky, Gyula
Szalay, Aladar
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF
AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCauliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/287,313
FILING DATE: 01-NOV-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/724,726
FILING DATE: 28-NOV-2000
APPLICATION NUMBER: 08/835,682
FILING DATE: 10-APR-1997
APPLICATION NUMBER: 08/695,191
FILING DATE: 07-AUG-1996
APPLICATION NUMBER: 08/682,080
FILING DATE: 15-JUL-1996
APPLICATION NUMBER: 08/629,822
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6869-402N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8403
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 42999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-287-313-17

Query Match 42.7%; Score 22.2; DB 9; Length 42999;
Best Local Similarity 69.8%; Pred. No. 1e+02;
Matches 30; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Oy 3 AACTAGGTCAGGTCATGCTTACGCCCAAACTAGGTCACA 45
Db 35024 AACTAGGACGAGGTCCAGGTGTGTGCGCAACACTTGACACA 35066

RESULT 12
US-09-770-791-681
Sequence 681, Application US/09770791
Patent No. US20020062014A1
GENERAL INFORMATION:
APPLICANT: Gorlach, Jorn
APPLICANT: An, Yong-Qiang
APPLICANT: Hamilton, Carol M.
APPLICANT: Price, Jennifer L.
APPLICANT: Raines, Tracy M.
APPLICANT: Yu, Yang
APPLICANT: Rameaka, Joshua G.
APPLICANT: Page, Amy
APPLICANT: Matthew, Abraham V.
APPLICANT: Ledford, Brooke L.
APPLICANT: Woessner, Jeffrey P.
APPLICANT: Haas, William David
APPLICANT: Garcia, Carlos A.
APPLICANT: Krickler, Maja
APPLICANT: Slader, Ted
APPLICANT: Davis, Keith R.
APPLICANT: Allen, Keith
APPLICANT: Hoffman, Neil
APPLICANT: Hurlban, Patrick
TITLE OF INVENTION: Expressed Sequences of Arabidopsis
FILE REFERENCE: 2029 (PARA-018PRV)
CURRENT APPLICATION NUMBER: US/09/770,791
CURRENT FILING DATE: 2001-01-26
PRIORITY APPLICATION NUMBER: 60/178,480
PRIORITY FILING DATE: 2000-01-27
NUMBER OF SEQ ID NOS: 999
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 681
LENGTH: 352
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(352)
OTHER INFORMATION: n = A,T,C or G
US-09-770-791-681

Query Match 41.9%; Score 21.8; DB 10; Length 352;
Best Local Similarity 65.3%; Pred. No. 41;
Matches 32; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

Oy 2 AACTAGGTCAGGTCATGCTTACGCCCAAACTAGGTCAGGT 50
Db 266 AACCAGGACGAGGTCCAGGTGTGTGCGCAACACTTGACACAATGT 314

RESULT 13
US-10-198-846-456/c
Sequence 456, Application US/10198846
Publication No. US20030099974A1
GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIORITY APPLICATION NUMBER: 60/306,220
PRIORITY FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 456
; LENGTH: 515
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 3, 288, 319, 352, 367, 374, 390, 406, 411, 417, 428, 432,
; LOCATION: 436, 443, 477, 481, 488, 491, 495, 500, 502, 508
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-456

Query Match          41.9%: Score 21.8; DB 9; Length 515;
Best Local Similarity 64.4%: Pred. No. 46;
Matches 29; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 3 AAACGAGTCGAAGGTCATGCTTTAGGCCCAAACTAGGTCAAA 47
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 494 AAANTGTAAANGTTTGTGTTTGGACCAAGGTAGGTAATAA 450

RESULT 14
US-09-764-877-3431/C
; Sequence 3431, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 3431
; LENGTH: 2086
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-3431

Query Match          41.9%: Score 21.8; DB 10; Length 2086;
Best Local Similarity 70.7%: Pred. No. 66;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 2 AAACGAGTCGAAGGTCATGCTTTAGGCCCAAACTAGG 42
    ||||| ||| ||||| ||| ||| ||| ||| ||| ||| |||
DB 1821 AAAACAAAGCCAAAGAGATTCTGTGCAAAAAAACTAAG 1781

RESULT 15
US-09-070-927A-124
; Sequence 124, Application US/09070927A
; Patent No. US20020120116A1
; GENERAL INFORMATION:
; APPLICANT: Charles A. Kunsch
;              Patrick J. Dillon
;              Steven Barash
; TITLE OF INVENTION: Enterococcus faecialis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 982
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/070,927A
; FILING DATE: 04-May-2000
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; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/046,655
; FILING DATE: 1997-05-16
; APPLICATION NUMBER: 60/044,031
; FILING DATE: 1997-05-06
; APPLICATION NUMBER: 60/066,009
; FILING DATE: 1997-11-14
; ATTORNEY/AGENT INFORMATION:
; NAME: Kenley K. Hoover
; REGISTRATION NUMBER: 40,302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6027 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-070-927A-124

Query Match          41.9%: Score 21.8; DB 10; Length 6027;
Best Local Similarity 70.7%: Pred. No. 87;
Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 12 CAAGGTCATGCTTTAGGCCCAAACTAGTCGAAGGTCA 52
    ||||| ||| ||||| ||||| ||| ||| ||| ||| |||
DB 5861 CAAAGTAATTCTTCTGCTCCCAATATATGTAAACGGTCA 5901

Search completed: June 14, 2003, 01:26:10
Job time : 16.669 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 36.8675 Seconds
(without alignments)
2254.273 Million cell updates/sec

Title: US-09-808-388-5

Perfect score: 271

Sequence: 1 cgcgcgaacacgtcctgaaa.....caactctgagctctgag 271

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA: *
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PC105_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfillseq1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Query	Match	Length	ID	Description
C	1	30.6	11.3	305	4	US-09-328-111-618	Sequence 618, App
C	2	30.4	11.2	1549	2	US-08-858-444-1	Sequence 1, Appl
C	3	29.6	10.9	9299	3	US-08-458-434-7	Sequence 7, Appl
C	4	29.2	10.8	3111	2	US-09-014-969-12	Sequence 12, Appl
C	5	29.2	10.7	204	4	US-09-506-729-37	Sequence 37, Appl
C	6	29.2	10.7	1883	1	US-08-203-056-2	Sequence 2, Appl
C	7	29.2	10.7	1933	1	US-08-076-093A-1	Sequence 1, Appl
C	8	29.2	10.7	1933	1	US-08-410-451-1	Sequence 1, Appl
C	9	29.2	10.7	1933	1	US-08-410-455-1	Sequence 1, Appl
C	10	29.2	10.7	1933	1	US-08-418-919-1	Sequence 1, Appl
C	11	29.2	10.7	1933	1	US-08-410-453A-2	Sequence 2, Appl
C	12	29.2	10.7	1933	1	US-08-701-265-1	Sequence 1, Appl
C	13	29.2	10.7	1933	1	US-08-410-454A-2	Sequence 2, Appl
C	14	29.2	10.7	1933	2	US-08-284-586-1	Sequence 1, Appl
C	15	29.2	10.7	1933	2	US-08-410-456A-2	Sequence 2, Appl
C	16	29.2	10.7	1933	2	US-08-803-478-1	Sequence 1, Appl
C	17	29.2	10.7	1933	2	US-08-803-627A-1	Sequence 1, Appl
C	18	29.2	10.7	1933	2	US-08-801-238-1	Sequence 1, Appl
C	19	29.2	10.7	1933	2	US-08-801-228-1	Sequence 1, Appl
C	20	29.2	10.7	1933	3	US-09-104-296-1	Sequence 1, Appl
C	21	29.2	10.7	1933	5	PCT-US94106380-1	Sequence 1, Appl
C	22	28.6	10.6	3728	1	US-08-111-939-1	Sequence 1, Appl
C	23	28.4	10.5	2992	4	US-09-362-123A-3	Sequence 3, Appl
C	24	28.2	10.4	33	1	US-08-186-895-4	Sequence 5, Appl
C	25	28.2	10.4	4258	3	US-07-765-830A-5	Sequence 3, Appl
C	26	28	10.3	997	4	US-09-051-860A-3	Sequence 1, Appl
C	27	28	10.3	3100	1	US-08-296-362-1	Sequence 1, Appl

C	28	27.6	10.2	6803	3	US-08-665-259-19	Sequence 19, Appl
C	29	27.6	10.2	6803	3	US-08-762-500-19	Sequence 19, Appl
C	30	27.6	10.2	176373	3	US-09-128-155-17	Sequence 17, Appl
C	31	27	10.0	3021	4	US-09-556-877-182	Sequence 182, App
C	32	27	10.0	3021	4	US-09-620-412C-182	Sequence 182, App
C	33	27	10.0	3935	4	US-09-060-482-1	Sequence 1, Appl
C	34	27	10.0	7898	4	US-08-984-709A-49	Sequence 49, Appl
C	35	27	10.0	4403765	4	US-09-103-840A-2	Sequence 2, Appl
C	36	27	10.0	4411529	4	US-09-103-840A-1	Sequence 1, Appl
C	37	26.8	9.9	1001	3	US-09-188-930-218	Sequence 218, App
C	38	26.8	9.9	1015	3	US-09-188-930-30	Sequence 30, Appl
C	39	26.6	9.8	238	4	US-08-905-223-128	Sequence 128, App
C	40	26.6	9.8	1452	2	US-08-770-544-7	Sequence 7, Appl
C	41	26.6	9.8	2458	3	US-09-071-101-5	Sequence 5, Appl
C	42	26.6	9.8	2458	3	US-09-369-618-6	Sequence 6, Appl
C	43	26.6	9.8	2458	3	US-09-369-617-6	Sequence 6, Appl
C	44	26.4	9.7	36519	3	US-08-923-137-2	Sequence 2, Appl
C	45	26.2	9.7	1356	2	US-08-484-126-4	Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-09-328-111-618/C
Sequence 618, Application US/09328111
Patent No. 6262333
GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Catino, Theodore J.
APPLICANT: Derfl, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Schlegel, Robert
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
EARLIER FILING DATE: 1998-06-10
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 618
LENGTH: 305
TYPE: DNA
ORGANISM: Homo sapiens
US-09-328-111-618
Query Match 11.3%; Score 30.6; DB 4; Length 305;
Best Local Similarity 56.4%; Pred No. 0.52;
Matches 57; Conservative 0; Mismatches 44; Indels 0; Gaps 0;
QY 3 CGCAAAATCGCTGAATGCTTTGGCATCAGCTAGACACGTAAGTTCCCAATC 62
DB 217 CGCAAAATTAACACACAGCATGCTTTGATACATCCCAAGTGAGGCTGTAATCCCATG 158
QY 63 CTCACCTGCTGCTCCACGCTGATAGGGAAGGAAGGA 103
DB 157 GTGACCTGTGACCTGCTCCCTGAGACAGGAGGAGGACGCA 117
RESULT 2
US-08-856-444-1
Sequence 1, Application US/08856444
Patent No. 5959081
GENERAL INFORMATION:

APPLICANT: Lecka-Czerwik, Beata
 TITLE OF INVENTION: NO. 5959081el Zinc Binding LIM Protein S2-6
 NUMBER OF SEQUENCES: 3
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Benjamin Aaron Adler, Ph.D. J.D.
 STREET: 8011 Candle Lane
 CITY: Houston
 STATE: Texas
 ZIP: 77071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 1.44 mb floppy disk
 COMPUTER: Apple Macintosh
 OPERATING SYSTEM: Macintosh
 SOFTWARE: Microsoft Word for Macintosh
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/856,444
 FILING DATE: May 14, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Benjamin Aaron Adler, Ph.D.
 REGISTRATION NUMBER: 35,423
 REFERENCE/DOCKET NUMBER: D5988
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (713) 777-2321
 TELEFAX: (713) 777-6908
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1549 bp
 TYPE: nucleic acid
 STRANDEDNESS: single-stranded
 TOPOLOGY: linear
 MOLECULE TYPE: c-DNA
 DESCRIPTION: NO
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 IMMEDIATE SOURCE:
 POSITION IN GENOME:
 FEATURE:
 PUBLICATION INFORMATION:
 US-08-856-444-1
 Query Match 11.2%; Score 30.4; DB 2; Length 1549;
 Best Local Similarity 57.3%; Pred. No. 1.2;
 Matches 55; Conservative 0; Mismatches 41; Indels 0; Gaps 0;
 Oy 50 AGCTTCCCAATCTCTCAACTCTCTGCGCCAGCTGATGAGGGGAAGGAAGGATTAACCT 109
 Db 530 AAGTGGCCCTCCCGCGGCGAGGCTGCTTGCCTCAAGAGAGAGGGAAGCAAGCAAGCAAGCC 589
 Oy 110 AGGGGTATGGGCGGCAATCTCTGATCCACCAACTG 145
 Db 590 AGAGGGGCGAGAGACCACTGCTGTACACCAACGG 625
 RESULT 3
 US-08-458-434A-7/c
 Sequence 7, Application US/08458434A
 Patent No. 6083690
 GENERAL INFORMATION:
 APPLICANT: Harris Ph.D., Stephen E.
 APPLICANT: Mundy M.D., Gregory R.
 APPLICANT: Gosh-Choudhury Ph.D., Nandini
 APPLICANT: Feng Ph.D., Jian Q.
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING
 TITLE OF INVENTION: OSTEOGENIC AGENTS
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: James C. Weseman, Esq.

STREET: 401 B. Street, Suite 1700
 CITY: San Diego
 STATE: CA
 COUNTRY: USA
 ZIP: 92101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentln Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/458,434A
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Weseman, James C.
 REGISTRATION NUMBER: 30,507
 REFERENCE/DOCKET NUMBER: P00060U50
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (619) 699-3604
 TELEFAX: 619-236-1048
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9299 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-458-434A-7
 Query Match 10.9%; Score 29.6; DB 3; Length 9299;
 Best Local Similarity 59.3%; Pred. No. 4.7;
 Matches 50; Conservative 0; Mismatches 34; Indels 0; Gaps 0;
 Oy 150 CGCCATCCCGAGGCTTGTGCTACCTACCCCAACCTCCAGAGGAGGAGCTATTTA 209
 Db 6318 CCCCCACCCCGCGCTTCTCCGCCCTCCAGCCCAATTTCACAACTTCAGCTGTTA 6259
 Oy 210 AGGGAGCAGGAGTGACAGAA 233
 Db 6258 AGACAGAGAGGAGGAGAGAGCA 6235
 RESULT 4
 US-09-014-969-12
 Sequence 12, Application US/09014969
 Patent No. 5965397
 GENERAL INFORMATION:
 APPLICANT: Jacobs, Kenneth
 APPLICANT: McCoy, John M.
 APPLICANT: Lavaille, Edward R.
 APPLICANT: Racie, Lisa A.
 APPLICANT: Merberg, David
 APPLICANT: Treacy, Maurice
 APPLICANT: Spaulding, Vikki
 APPLICANT: Agostino, Michael J.
 TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
 TITLE OF INVENTION: ENCODING THEM
 NUMBER OF SEQUENCES: 32
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: U.S.A.
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentln Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/014,969

RESULT 6
US-08-202-056-2/c
; Sequence 2, Application US/08202056

```

; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
;

```

```
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/076,093A
FILING DATE: 11-Jun-1993
CLASSIFICATION: 530
TELECOMMUNICATION INFORMATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/810782
FILING DATE: 19-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-076-093A-1

Query Match          10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCC 63
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1915 GGAACATCTGCTGCCAATGCTGCTGCTGCACATGCTTCTTAGGGATGCTGATGC 1856

QY 64 TCAACTCTGTCCTGCCAGCTGATGAGGGGAAG 96
    | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1855 TGCACGCCAGCTGTGAAGCTGCACAGGGGAAG 1823

RESULT 8
US-08-410-451-1/c
Sequence 1, Application US/08410451
Patent No. 5552284
GENERAL INFORMATION:
APPLICANT: Lee, James
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.
TITLE OF INVENTION: Human pF4 Receptors and Their Use
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,451
FILING DATE: 24-MAR-1995
CLASSIFICATION: 435
TELECOMMUNICATION DATA:
PRIOR APPLICATION NUMBER: 08/234494
```

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FILING DATE: 28-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706C1D4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: Linear
US-08-410-451-1

Query Match          10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCC 63
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1915 GGAACATCTGCTGCCAATGCTGCTGCTGCACATGCTTCTTAGGGATGCTGATGC 1856

QY 64 TCAACTCTGTCCTGCCAGCTGATGAGGGGAAG 96
    | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1855 TGCACGCCAGCTGTGAAGCTGCACAGGGGAAG 1823

RESULT 9
US-08-410-455-1/c
Sequence 1, Application US/08410455
Patent No. 5571702
GENERAL INFORMATION:
APPLICANT: Lee, James
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.
TITLE OF INVENTION: Human pF4 Receptors and Their Use
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,455
FILING DATE: 24-MAR-1995
CLASSIFICATION: 435
TELECOMMUNICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494
FILING DATE: 28-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706C1D5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
```

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-410-455-1

Query Match 10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGGAATGTGTTGGATCATCTAGTACACGTAAGTTTCCCAATCC 63
DB 1915 GGAACATCTGCTGCCCATGACGTGCTGCGTCACATGCTTTCTAGGATGCTGATGC 1856

OY 64 TCACTCTGCTGCTGCCACCTGATGAGGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 10
US-08-418-919-1/c
Sequence 1, Application US/08418919
Patent No. 5633141

GENERAL INFORMATION:

APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.

TITLE OF INVENTION: Human PFA Receptors and Their Use
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/418,919
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/234,494
FILING DATE:

APPLICATION NUMBER: 07/677,211
FILING DATE: 29-Mar-1991

ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.

REGISTRATION NUMBER: 27,043
REFERENCE/DOCKET NUMBER: 706

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/266-1994

TELEFAX: 415/952-9881
TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

LENGTH: 1933 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-418-919-1

Query Match 10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

OY 4 GGCAAACTGCTGGAATGTGTTGGATCATCTAGTACACGTAAGTTTCCCAATCC 63

DB 1915 GGAACATCTGCTGCCCATGACGTGCTGCGTCACATGCTTTCTAGGATGCTGATGC 1856
QY 64 TCACTCTGCTGCTGCCACCTGATGAGGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 11
US-08-410-453A-2/c
Sequence 2, Application US/08410453A
Patent No. 5767063

GENERAL INFORMATION:

APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.

TITLE OF INVENTION: Human PFA Receptors and Their Use
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/410,453A
FILING DATE: 24-Mar-1995

CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/234494
FILING DATE: 28-Apr-1994

APPLICATION NUMBER: 07/677211
FILING DATE: 29-Mar-1991

ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.

REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P0706C1D1

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530

TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 1933 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-410-453A-2

Query Match 10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

OY 4 GGCAAACTGCTGGAATGTGTTGGATCATCTAGTACACGTAAGTTTCCCAATCC 63
DB 1915 GGAACATCTGCTGCCCATGACGTGCTGCGTCACATGCTTTCTAGGATGCTGATGC 1856

OY 64 TCACTCTGCTGCTGCCACCTGATGAGGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 12
US-08-701-265-1/c

Sequence 1, Application US/08701265
Patent No. 5776457

GENERAL INFORMATION:

APPLICANT: Chuntarapai, Anan
APPLICANT: Lee, James
APPLICANT: Hebert, Caroline
APPLICANT: Jin Kim, K.
TITLE OF INVENTION: Antibodies to Human PFAA Receptors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/701,265
FILING DATE: 22-AUG-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/076093
FILING DATE: 11-Jun-1993
APPLICATION NUMBER: 07/810782
FILING DATE: 19-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-701-265-1
Query Match 10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
QY 4 GGCAAACTGCTGGAATGTTGGCATCAGCTACTGACAGCTAGGTTTCCCAATCC 63
DB 1915 GGACACATCTGCTGCCCATGAGCTGCTGCGCATGCTTCTTAGGATGCTGATGC 1856
QY 64 TCAACTGTGCTGCGCCAGCTGATGAGGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823
RESULT 13
US-08-410-454A-2/C
Sequence 2, Application US/08410454A
Patent No. 5783415
GENERAL INFORMATION:
APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.,
TITLE OF INVENTION: Human PFAA Receptors and Their Use
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco

STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,454A
FILING DATE: 24-Mar-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494
FILING DATE: 28-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P0706CID3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-410-454A-2
Query Match 10.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
QY 4 GGCAAACTGCTGGAATGTTGGCATCAGCTACTGACAGCTAGGTTTCCCAATCC 63
DB 1915 GGACACATCTGCTGCCCATGAGCTGCTGCGCATGCTTCTTAGGATGCTGATGC 1856
QY 64 TCAACTGTGCTGCGCCAGCTGATGAGGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823
RESULT 14
US-08-284-586-1/C
Sequence 1, Application US/08284586
Patent No. 5840856
GENERAL INFORMATION:
APPLICANT: Chuntarapai, Anan
APPLICANT: Lee, James
APPLICANT: Hebert, Caroline
APPLICANT: Jin Kim, K.
TITLE OF INVENTION: Antibodies to Human PFAA Receptors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,586
FILING DATE:

CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/076,093A
FILING DATE: 11-Jun-1993
APPLICATION NUMBER: 07/810782
FILING DATE: 19-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-284-586-1

Query Match 10.7%; Score 29; DB 2; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53: Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAATGTGTTGGCATCAGCTACTGACACGTAAGGTTCCCAATCC 63
DB 1915 GGACATCTGCTGCCATGCGATGCGTGCACATGCGTTCTAGGATGCTGATGC 1856
QY 64 TCACTCTGCTGCGCAGCTGATGAGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

RESULT 15
US-08-410-456A-2/c
Sequence 2, Application US/08410456A
Patent No. 5856457
GENERAL INFORMATION:
APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.,
TITLE OF INVENTION: Human PFAA Receptors and Their Use
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,456A
FILING DATE: 24-Mar-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494
FILING DATE: 28-Apr-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659

REFERENCE/DOCKET NUMBER: P0706C1D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-410-456A-2

Query Match 10.7%; Score 29; DB 2; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.8;
Matches 53: Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 4 GGCAAACTGCTGAATGTGTTGGCATCAGCTACTGACACGTAAGGTTCCCAATCC 63
DB 1915 GGACATCTGCTGCCATGCGATGCGTGCACATGCGTTCTAGGATGCTGATGC 1856
QY 64 TCACTCTGCTGCGCAGCTGATGAGGGAAG 96
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1823

Search completed: June 13, 2003, 20:58:02
Job time : 41.8675 secs

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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 76.4482 Seconds
(without alignments)
5133.209 Million cell updates/sec

Title: US-09-808-388-5
Perfect score: 271
Sequence: 1 ccgcgcacaaactgcctga...caactctgagctctctgag 271

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCR_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/2/pubpna/PCR_NEW_PUB.seq:*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	271	100.0	271	10	US-09-808-388-5
2	271	100.0	271	10	US-09-808-388-6
3	212	78.2	1080	9	US-09-865-866-17
4	84.4	31.1	3330	10	US-09-917-800A-1495
5	80.8	29.8	1076	10	US-09-945-300-70
6	50	18.5	735	9	US-09-981-353-17
7	49.6	18.3	4990	9	US-09-865-866-97
8	33.8	12.5	2136	10	US-10-173-696-24
9	33.8	12.5	2136	10	US-09-862-658-3
10	33.8	12.5	3320	9	US-10-173-696-22
11	33.8	12.5	3320	10	US-09-862-658-1
12	32	11.8	412	9	US-09-918-995-6087
13	31.8	11.7	1036	9	US-10-023-282-86
14	31.6	11.7	466	9	US-09-918-995-32175
15	31.4	11.6	771	9	US-10-010-920-4
16	31.4	11.6	771	9	US-10-010-920-5
17	31.4	11.6	771	9	US-10-008-721-4
18	31.4	11.6	771	9	US-10-008-721-5
19	31.4	11.6	955	9	US-10-010-920-3

C	20	31.4	11.6	955	9	US-10-008-721-3	Sequence 3, Appli
C	21	30.6	11.3	250	9	US-10-066-543-1474	Sequence 1474, Ap
C	22	30.6	11.3	305	10	US-09-879-536-618	Sequence 618, Ap
C	23	30.6	11.3	2885	10	US-09-880-107-3388	Sequence 3388, Ap
C	24	30.6	11.3	3370	12	US-10-044-090-339	Sequence 339, Ap
C	25	30.6	11.3	38186	9	US-09-373-658-38	Sequence 38, Appl
C	26	30.2	11.1	187	10	US-09-783-590-3051	Sequence 3051, Ap
C	27	30.2	11.1	340	10	US-09-833-381-1715	Sequence 1715, Ap
C	28	30.2	11.1	478	9	US-09-918-995-27609	Sequence 27609, A
C	29	30.2	11.1	499	9	US-09-918-995-21158	Sequence 21158, A
C	30	30.2	11.1	1794	9	US-10-037-270-988	Sequence 988, App
C	31	30.2	11.1	30676	10	US-09-927-091-8	Sequence 8, Appli
C	32	30.2	11.1	45845	10	US-09-927-091-6	Sequence 6, Appli
C	33	29.8	11.0	854	10	US-09-765-231A-42	Sequence 42, Appl
C	34	29.6	10.9	456	9	US-09-918-995-31128	Sequence 31128, A
C	35	29.2	10.8	436	9	US-09-918-995-3156	Sequence 3156, Ap
C	36	29.2	10.8	41936	10	US-09-967-768A-116	Sequence 116, App
C	37	29	10.7	204	9	US-10-004-427-37	Sequence 37, Appl
C	38	29	10.7	544	9	US-09-854-133-474	Sequence 474, App
C	39	29	10.7	544	10	US-09-738-973-474	Sequence 474, App
C	40	29	10.7	1933	9	US-09-104-063-1	Sequence 1, Appli
C	41	29	10.7	2065	9	US-10-245-103-49	Sequence 49, Appl
C	42	29	10.7	2065	9	US-10-245-107-49	Sequence 49, Appl
C	43	29	10.7	2065	9	US-10-245-143-49	Sequence 49, Appl
C	44	29	10.7	2065	9	US-10-245-771-49	Sequence 49, Appl
C	45	29	10.7	2065	9	US-10-245-851-49	Sequence 49, Appl

ALIGNMENTS

RESULT 1

US-09-808-388-5
Sequence 5, Application US/09808388
Patent No. US20020081719A1
GENERAL INFORMATION:
APPLICANT: Massaad, Charbel
APPLICANT: Berenbaum, Francis
APPLICANT: Olivier, Jean-Luc
APPLICANT: Salvat, Colette
APPLICANT: Berezhat, Gilbert
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
FILE REFERENCE: ST00010
CURRENT APPLICATION NUMBER: US/09/808,388
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: FR/00/03262
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/196,959
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
LENGTH: 271
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Fragment of the PLA2s promoter
US-09-808-388-5

Query Match 100.0%; Score 271; DB 10; Length 271;
Best Local Similarity 100.0%; Pred. No. 7.6e-87;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGCGCAAACTGCCTGAATGTGTTGGCATCAGTACACAGTAAGCTTCCCAA 60
DB 1 CGCGCAAACTGCCTGAATGTGTTGGCATCAGTACACAGTAAGCTTCCCAA 60
QY 61 TCCTCACTCTCTCTCCAGCTGATGAGGGAAGGAAGGATTAAGGATGATGG 120
DB 61 TCCTCACTCTCTCTCCAGCTGATGAGGGAAGGAAGGATTAAGGATGATGG 120
QY 121 CGACCAATCTGATGTCACCAACAGCCATCCACGCTTGTGCTCACCTACC 180

Db 121 CGACCAATCTGTGATCCACCACTGACGACGCCATCCAGCCTTGTGCTCACTAC 180
QY 181 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAGAGC 240
181 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAGAGC 240
QY 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271
Db 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271

RESULT 2

US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salavat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: PPRE/PLA2s hybrid promoter
US-09-808-388-6

Query Match 100.0%; Score 271; DB 10; Length 332;
Best Local Similarity 100.0%; Pred. No. 8.2e-87;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGCGGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAAGTATTCACCA 60
Db 62 CGGGGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAAGTATTCACCA 121
QY 61 TCCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
Db 122 TCCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 181
QY 121 CGACCAATCTGTGATCCACCACTGACGACGCCATCCAGCCTTGTGCTCACTAC 180
Db 182 CGACCAATCTGTGATCCACCACTGACGACGCCATCCAGCCTTGTGCTCACTAC 241
QY 181 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAGAGC 240
Db 242 CCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAGAGC 301
QY 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271
Db 302 GCCTGGGGATACAACTCTGGAGTCTCTGAG 332

RESULT 3

US-09-865-866-17
; Sequence 17, Application US/09865866
; Publication No. US20030045487A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 17
; LENGTH: 1080
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-865-866-17

Query Match 78.2%; Score 212; DB 9; Length 1080;
Best Local Similarity 93.1%; Pred. No. 1.5e-65;
Matches 255; Conservative 0; Mismatches 15; Indels 4; Gaps 3;

QY 1 CGCGGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAAGTATTCACCA 59
Db 763 CTGCGCAAAACTGCTGAATGTGTTTGGCATCAGCTAGTACAGCTAAGTATTCACCA 822
QY 60 ATCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 117
Db 823 ATCTCAACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 882
QY 118 GGGCGACCAATCTGATGATCCACCACTGACGACGCCATCCAGCCTTGTGCTCACT 177
Db 883 GGGCGACCAATCTGATGATCCACCACTGACGACGCCATCCAGCCTTGTGCTCACT 942
QY 178 ACCGCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAG 237
Db 943 ACCGCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAG 1001
QY 238 ACCGCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAG 271
Db 1002 ACCGCCAACCTCCAGAGGAGAGAGCTATTAAAGGGAGAGAGAGTGCAGAAACAAG 1035

RESULT 4

US-09-917-800A-1495
; Sequence 1495, Application US/09917800A
; Patent No. US20020119462A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Castle, Arthur
; APPLICANT: Elashoff, Michael
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917,800A
; CURRENT FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: US 60/222,040
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 60/222,880
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/290,029
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,645
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: US 60/292,336
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/295,798
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/297,457
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,884
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/303,459
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 1740
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1495

LENGTH: 3330
TYPE: DNA
ORGANISM: Rattus norvegicus
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20020119462A1 X51529
US-09-917-800A-1495

Query Match 31.1%; Score 84.4; DB 10; Length 3330;
Best Local Similarity 64.9%; Pred. No. 8.2e-20;
Matches 157; Conservative 0; Mismatches 81; Indels 4; Gaps 2;

OY 6 CAAAGCTGCTGAATGTTTGGCATACACTACTGACACGTAAAGTTTCCCAATCCTC 65
DB 260 CGAATCAGCTAAAGTTATGATGCGCAACCCATGATGAGAGGGCTTTCCGCGCTC 319
OY 66 AACTCTGCTCCGACGATGATGAGGAGAAAGGATTAACCTAGGGGTATGG--CGA 123
DB 320 AAGGCTGTCTGCCAGCTGTTGGGGGAAAGGGAAATTAACCAAGGCGTGGGTATGC 379
OY 124 CCAATCTGAGTCCACCAACTGACACGCCCA--TCCCAAGCTTGTGCTCCTACCTACC 181
DB 380 CCGTCTGATTCATATATTGGGCACACCCACCTCCCATCCTGTGTGCTCTCGATCC 439
OY 182 CCAACCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAAACAAGACGG 241
DB 440 CCACCCCTGCAGAGGAGAGACTATTAAAGCATTTGGAGTACAGGAAAAACAAGCGAG 499
OY 242 CC 243
DB 500 GC 501

RESULT 5

US-09-925-300-70
Sequence 70, Application US/09925300
Patent No. US20020151681A1
GENERAL INFORMATION:
APPLICANT: Craig Rosen,
Steve Ruben,
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 70
LENGTH: 1076
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (911)
OTHER INFORMATION: n equals a, t, g, or c
US-09-925-300-70

Query Match 29.8%; Score 80.8; DB 10; Length 1076;
Best Local Similarity 95.3%; Pred. No. 1.1e-18;
Matches 82; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

OY 186 CTTCCAGAGGAGCAGCTATTAAAGGAGACAGAGTGCAGACAAACAAGAGCGCTC 245
DB 2 CCAAAAGAGAGGAGCAGCTATTAAAGGAGACAGAGTGCAGACAAACAAGAGCGCTC 61
OY 246 GGGATCAACTCTGGAGTCTCTGAG 271
DB 62 GGGATCAACTCTGGAGTCTCTGAG 87

RESULT 6

US-09-981-353-17
Sequence 17, Application US/09981353
Patent No. US20020160382A1
GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
FILE REFERENCE: PA-0038 US
CURRENT APPLICATION NUMBER: US/09/981,353
CURRENT FILING DATE: 2001-10-11
NUMBER OF SEQ ID NOS: 194
SOFTWARE: PERL Program
SEQ ID NO 17
LENGTH: 735
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc-feature
OTHER INFORMATION: Incyte ID No. US20020160382A1 474322.36
LOCATION: 388
OTHER INFORMATION: a, t, c, g, or other
US-09-981-353-17

Query Match 18.5%; Score 50; DB 9; Length 735;
Best Local Similarity 100.0%; Pred. No. 9.7e-08;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 222 GTGCAGAACAAAGAGCGCTGGGATACACTCTGAGTCTCTGAG 271
DB 1 GTGCAGAACAAAGAGCGCTGGGATACACTCTGAGTCTCTGAG 50

RESULT 7

US-09-865-866-97
Sequence 97, Application US/09865866
Publication No. US2003004587A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
FILE REFERENCE: RFS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 97
LENGTH: 4990
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
LOCATION: (2026)...(2068)
NAME/KEY: CDS
LOCATION: (2245)...(2389)
NAME/KEY: CDS
LOCATION: (2622)...(2731)
NAME/KEY: CDS
LOCATION: (4098)...(4240)
US-09-865-866-97

Query Match 18.3%; Score 49.6; DB 9; Length 4990;
Best Local Similarity 59.4%; Pred. No. 2.6e-07;
Matches 139; Conservative 0; Mismatches 64; Indels 31; Gaps 2;

OY 6 CAAAGCTGCTGAATGTTTGGCATACACTACTGACAGCTAAAGTTTCCCAATCCTC 65
DB 1016 CAAATCAGCTGAATTTATATGATGCGGACCCCTTGATAGAAAGCTTTCCAGCCCTC 1075
OY 66 AACTCTGCTCCGACGATGATGAGGAGAAAGGATTAACCTAGGGGTATGGCGAC 125
DB 1076 AGGCTGCTCCGACGATGATGAGGAGAAAGGATTAACCTAGGGGTATGGCGAC 1125
OY 126 AATCTGATGCTCAGCACTGACAGCGCCATCCCGAGCTTGTGCTCAGCTACCCCA 185


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EARLIER APPLICATION NUMBER: 60/048,915
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,019
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,970
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,972
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,916
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,373
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,875
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,374
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,917
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,949
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,974
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,883
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,897
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,898
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,962
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,963
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,877
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,878
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/070,923
EARLIER FILING DATE: 1997-12-18
EARLIER APPLICATION NUMBER: 60/092,921
EARLIER FILING DATE: 1998-07-15
EARLIER APPLICATION NUMBER: 60/094,657
EARLIER FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 1227
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 86
LENGTH: 1036
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (1024)
OTHER INFORMATION: n equals a,t,g, or c
FEATURE:
NAME/KEY: SITE
LOCATION: (1020)
OTHER INFORMATION: n equals a,t,g, or c
FEATURE:
NAME/KEY: SITE
LOCATION: (1032)
OTHER INFORMATION: n equals a,t,g, or c
US-10-023-282-86

Query Match 11.7%; Score 31.8; DB 9; Length 1036;
Best Local Similarity 52.7%; Pred. No. 0.35;
Matches 69; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

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OY 248 GATACACTCT 258
DB 732 CAATACCCCT 722

RESULT 14
US-09-918-995-32175/c
Sequence 32175, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hysq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
FILE REFERENCE: FROM VARIOUS CDNA LIBRARIES
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 32175
LENGTH: 466
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(466)
OTHER INFORMATION: n = A,T,C or G
US-09-918-995-32175

Query Match 11.7%; Score 31.6; DB 9; Length 466;
Best Local Similarity 46.1%; Pred. No. 0.31;
Matches 106; Conservative 0; Mismatches 124; Indels 0; Gaps 0;

```

```

OY 36 GCTACTGACAGTATGTTTCCCAATCCTCACTGCTGCTGCCAGCTGATGAGGAG 95
DB 434 GCTGACAGACACACGACGTTGTGTAACCACTCTCTATCTCCAGATAGAGAAACGAG 375
OY 96 GAAAGGATTTACCTAGGGGTATGGGCGACCAATCCTGAGTCACCACTGACACAGCCCA 155
DB 374 GCGCGGGAGGCGCTGCGACTGTGCAGAAATCAGGGGAGCGCTGTGAATCCGCTCCCGC 315
OY 156 TCCCGAGCTTGTGCTACTACCTACCCCACTCCAGAGGAGCAGTATTAAGGGA 215
DB 314 CCGTGCGCCACAGCGCCCTCTCTCCACCTGCTGCGAGGCCCAATCCGGTCTGTAGA 255
OY 216 GCAGAGTGCAGAACCAACAGAGCGCCCTGGGATACAACTGTGAGTCC 265
DB 254 GCATGTACTCAGAACACTTCTCTCCGCCGCGCCCTCCAGCCCTGCTCC 205

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```

RESULT 15
US-10-010-920-4/c
Sequence 4, Application US/10010920
Publication No. US20030027165A1
GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences
FILE REFERENCE: 98,723-E3
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 771
TYPE: DNA
ORGANISM: Homo sapiens
US-10-010-920-4

```


Query Match 11.6%; Score 31.4; DB 9; Length 771;
 Best Local Similarity 57.7%; Pred. No. 0.44;
 Matches 56; Conservative 0; Mismatches 41; Indels 0; Gaps 0;

OY	175	CCTACCCCAACCTCCAGAGGAGGAGCCTATTTAAGGAGAGAGTGCAGACAAC	234
DB	578	CCTACCTCCGCTCTCCGCGTGACGACGCGTAGAAAACACAGAGAGCGAGAAAGAG	519
OY	235	ANGAGGCGCTGGGATACACTGTGAGTCTCTGAG	271
DB	518	AGGCGGGGTAGGAGCAGCTGTGCTGATTCTGGG	482

Search completed: June 14, 2003, 01:26:12
 Job time : 78.4482 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:00:53 ; Search time 45.1661 Seconds
(without alignments)
2254.273 Million cell updates/sec

Title: US-09-808-388-6

Perfect score: 332

Sequence: 1 gtaccatctgcacaacta.....caactctgagctcctctgag 332

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued_Patents_NA.*
2: /cgn2-6/ptodata/2/ina/5A.COMB.seq.*
3: /cgn2-6/ptodata/2/ina/5B.COMB.seq.*
4: /cgn2-6/ptodata/2/ina/6A.COMB.seq.*
5: /cgn2-6/ptodata/2/ina/6B.COMB.seq.*
6: /cgn2-6/ptodata/2/ina/backfile1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Query Match	Length	DB ID	Description
C	1	30.6	9.2	305	4	US-09-328-111-618
C	2	30.4	9.2	1549	3	US-08-856-444-1
C	3	29.6	8.9	9299	2	US-08-458-434A-7
C	4	29.2	8.8	3111	2	US-09-014-969-12
C	5	29	8.7	204	4	US-09-506-729-37
C	6	29	8.7	1883	1	US-08-203-056-2
C	7	29	8.7	1933	1	US-08-076-093A-1
C	8	29	8.7	1933	1	US-08-410-451-1
C	9	29	8.7	1933	1	US-08-410-455-1
C	10	29	8.7	1933	1	US-08-418-919-1
C	11	29	8.7	1933	1	US-08-410-453A-2
C	12	29	8.7	1933	1	US-08-701-265-1
C	13	29	8.7	1933	1	US-08-410-454A-2
C	14	29	8.7	1933	2	US-08-284-586-1
C	15	29	8.7	1933	2	US-08-410-456A-2
C	16	29	8.7	1933	2	US-08-803-478-1
C	17	29	8.7	1933	2	US-08-802-627A-1
C	18	29	8.7	1933	2	US-08-801-238-1
C	19	29	8.7	1933	2	US-08-801-228-1
C	20	29	8.7	1933	3	US-09-104-256-1
C	21	29	8.7	1933	5	PCT-US94/06380-1
C	22	28.6	8.6	3728	1	US-08-111-939-1
C	23	28.4	8.6	2992	4	US-09-362-123A-3
C	24	28.2	8.5	33	1	US-08-186-895-4
C	25	28.2	8.5	722	4	US-08-861-774E-49
C	26	28.2	8.5	4258	4	US-07-763-830A-5
C	27	28	8.4	997	4	US-09-057-860A-3

C	28	28	8.4	3100	1	US-08-296-362-1	Sequence 1, Appli
C	29	27.6	8.3	6803	3	US-08-665-259-19	Sequence 19, Appl
C	30	27.6	8.3	6803	3	US-08-762-500-19	Sequence 19, Appl
C	31	27.6	8.3	176373	3	US-09-128-155-17	Sequence 17, Appl
C	32	27	8.1	329	1	US-08-510-039-1	Sequence 1, Appli
C	33	27	8.1	329	1	US-07-748-510-1	Sequence 1, Appli
C	34	27	8.1	3021	4	US-09-556-877-182	Sequence 182, App
C	35	27	8.1	3021	4	US-09-620-412C-182	Sequence 182, App
C	36	27	8.1	3935	4	US-09-060-482-1	Sequence 1, Appli
C	37	27	8.1	7898	4	US-08-984-709A-49	Sequence 49, Appl
C	38	27	8.1	87563	4	US-09-453-702B-57	Sequence 57, Appl
C	39	27	8.1	4403765	4	US-09-103-840A-2	Sequence 2, Appli
C	40	27	8.1	4411529	4	US-09-103-840A-1	Sequence 218, Appl
C	41	26.8	8.1	1001	3	US-09-188-930-218	Sequence 30, Appl
C	42	26.8	8.1	1015	3	US-09-188-930-30	Sequence 128, App
C	43	26.6	8.0	238	4	US-08-905-223-128	Sequence 7, Appli
C	44	26.6	8.0	1452	2	US-08-770-544-7	Sequence 3, Appli
C	45	26.6	8.0	1478	1	US-08-700-359-3	

ALIGNMENTS

RESULT 1
US-09-328-111-618/c
Sequence 618, Application US/09328111
Patent No. 6262333
GENERAL INFORMATION:
APPLICANT: Endeavour, Wilson O.
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Calino, Theodore J.
APPLICANT: Dertl, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Schlegel, Robert
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
EARLIER FILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 850
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 618
LENGTH: 305
TYPE: DNA
ORGANISM: Homo sapiens
US-09-328-111-618

Query Match
Best Local Similarity 56.4%; Pred. No. 0.4;
Matches 57; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 64 CGGCAAACTCCGGAATGTTTGGCATCAGTACTAGACGTAAGTTTCCCATC 123
DB 217 CGCCAAATTAACACGACATGCTGTGTATACATCCGCCCGAGGGCTGTGAATTCCTCCCATG 158
QY 124 CTCAACTCTGTCGCGCAGTATGAGGGAAGGAAGGA 164
DB 157 GTGACTGTGACTCTCTCCCTGAGACAGGAGGACGACGA 117

RESULT 2
US-08-856-444-1
Sequence 1, Application US/08856444
Patent No. 5959081
GENERAL INFORMATION:

APPLICANT: Lecka-Czernik, Beata
TITLE OF INVENTION: No. 5959081e1 Zinc Binding LIM Protein S2-6
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benjamin Aaron Adler, Ph.D. J.D.
STREET: 8011 Candle Lane
CITY: Houston
STATE: Texas
ZIP: 77071
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 Mb floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/856,444
FILING DATE: May 14, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Benjamin Aaron Adler, Ph.D.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5988
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 777-2321
TELEFAX: (713) 777-6908
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1549 bp
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: c-DNA
DESCRIPTION: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
IMMEDIATE SOURCE:
POSITION IN GENOME:
FEATURE:
PUBLICATION INFORMATION:
US-08-856-444-1

Query Match 9.2%; Score 30.4; DB 2; Length 1549;
Best Local Similarity 57.3%; Pred. No. 1.1;
Matches 55; Conservative 0; Mismatches 41; Indels 0; Gaps 0;

QY 111 AGGTTTCCCAATCTCACTCTGTCGCCAGCTGATGAGGGGAAAGGATTCCT 170
DB 530 AACTGGCCCTCCCGGGGAGGGTGCTTGGCCCAAGGAGGAGGGAAGCAGGAAAGGCC 589

QY 171 AGGGGTATGGGCGACCAATCTGATGATCCACCACTG 206
DB 590 AGAGGGGGCAGAGACCACTGCTGTACACCAACGG 625

RESULT 3
US-08-458-434A-7/c
Sequence 7, Application US/08458434A
Patent No. 6083690
GENERAL INFORMATION:
APPLICANT: Harris Ph.D., Stephen E.
APPLICANT: Mundy M.D., Gregory R.
APPLICANT: Gosh-Choudhury Ph.D., Nandini
APPLICANT: Feng Ph.D., Jian O.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING
TITLE OF INVENTION: OSTEOGENIC AGENTS
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: James C. Weseman, Esq.

STREET: 401 B. Street, Suite 1700
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92101
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,434A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Weseman, James C.
REGISTRATION NUMBER: 30,507
REFERENCE/DOCKET NUMBER: P00060050
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 699-3604
TELEFAX: 619-236-1048
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 9299 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-458-434A-7

Query Match 8.9%; Score 29.6; DB 3; Length 9299;
Best Local Similarity 59.5%; Pred. No. 5.1;
Matches 50; Conservative 0; Mismatches 34; Indels 0; Gaps 0;

QY 211 CGCCCATCCCGCCCTGTGTCCTACCTACCCCAACCTCCAGAGGAGCAGCTATT 270
DB 638 CCCCCACCCCGCCCTCTCTCGCGCTTCAGCCCATTTCCACACTTCAGCTGTTA 6259

QY 271 AGGGGAGCAGAGAGTGACAGACAA 294
DB 6258 AGAACAGAGAGGAGGAGGAGACAGA 6235

RESULT 4
US-09-014-969-12
Sequence 12, Application US/09014969
Patent No. 5965397
GENERAL INFORMATION:
APPLICANT: McCoy, John M.
APPLICANT: Lavalley, Edward R.
APPLICANT: Racie, Lisa A.
APPLICANT: Merberg, David
APPLICANT: Treacy, Maurice
APPLICANT: Spaulding, Vilki
APPLICANT: Agostino, Michael J.
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
TITLE OF INVENTION: ENCODING THEM
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/014,969

FILED DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8284
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 3111 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-014-969-12

Query Match 8.8%; Score 29.2; DB 2; Length 3111;
Best Local Similarity 57.8%; Pred. No. 4;
Matches 52; Conservative 0; Mismatches 38; Indels 0; Gaps 0;

QY 133 GTCCTGCCAGCTGATGAGGGAAGGAAGGATTACCTAGGGGTATGGCCACCAATCCT 192
DB 957 GTCCTGCCAGCTGATGAGGGAAGGATGAGATGAGAGACTAGAGCTGAGCTGTCCATCCC 1016
QY 193 GAGTCACACACTGACGACGACCCATCCCA 222
DB 1017 CATGCCGGAGCTTCCACACCCGCTCTCA 1046

RESULT 5
US-09-506-729-37/c
Sequence 37, Application US/09506729
Patent No. 6365352
GENERAL INFORMATION:
APPLICANT: Yerramilli, Subrahmanyam V.
APPLICANT: Prashar, Yalindra
APPLICANT: Newberger, Peter
APPLICANT: Gougen, Jon
APPLICANT: Weissman, Sherman M.
TITLE OF INVENTION: A PROCESS TO STUDY CHANGES IN GENE EXPRESSION IN
FILE REFERENCE: 44921-5016-US
CURRENT FILING DATE: 2000-02-18
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: PCT/US98/17284
EARLIER FILING DATE: 1998-08-21
EARLIER APPLICATION NUMBER: 60/056,844
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 37
LENGTH: 204
TYPE: DNA
ORGANISM: Homo sapiens
US-09-506-729-37

Query Match 8.7%; Score 29; DB 4; Length 204;
Best Local Similarity 57.0%; Pred. No. 1.1;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAAAGTGCCTGAATGTGTTGGCATGACGACGTAAGGTTTCCCAATCC 124
DB 194 GGACATCTGCTGCTGCCATGAGCTGCTGGCTGCACATGGCTTTCTAGGATGCTGATGC 135
QY 125 TCAACTCTGCTGCTGCCAGCTGATGAGGGAAG 157
DB 134 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 102

RESULT 6
US-08-202-056-2/c
Sequence 2, Application US/08202056

Patent No. 5440021
GENERAL INFORMATION:
APPLICANT: Chuntharapai, Anan
APPLICANT: Hebert, Caroline
APPLICANT: Kim, Kyung Jin
APPLICANT: Lee, James
TITLE OF INVENTION: Antibodies to Human IL-8 Type B Receptor
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,056
FILING DATE: 25-FEB-1994
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1883 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-202-056-2

Query Match 8.7%; Score 29; DB 1; Length 1883;
Best Local Similarity 57.0%; Pred. No. 3.6;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAAAGTGCCTGAATGTGTTGGCATGACGACGTAAGGTTTCCCAATCC 124
DB 1865 GGACATCTGCTGCTGCCATGAGCTGCTGGCTGCACATGGCTTTCTAGGATGCTGATGC 1806
QY 125 TCAACTCTGCTGCTGCCAGCTGATGAGGGAAG 157
DB 1805 TGCACGCCAGCTGGAAGCTGCAGAGGGAAG 1773

RESULT 7
US-08-076-093A-1/c
Sequence 1, Application US/08076093A
Patent No. 5543503
GENERAL INFORMATION:
APPLICANT: Chuntharapai, Anan
APPLICANT: Lee, James
APPLICANT: Hebert, Caroline
APPLICANT: Jin Kim, K.
TITLE OF INVENTION: Antibodies to Human PFAA Receptors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSER: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA

ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Minipalin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/076,093A
FILING DATE: 11-Jun-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/810782
FILING DATE: 19-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-076-093A-1

Query Match
Best Local Similarity 8.7%; Score 29; DB 1; Length 1933;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GCGAAACCTGCTGGAATGTTTGGCATCAGCTAGTGGTTTCCCAATCC 124
DB 1915 GGAACATCTGCTGCCCAATGAGCTGCTGACATGCTTCTAGGATGCTGATGC 1856

QY 125 TCAACTCTGCTGCCAGCTGATGAGGGGAAG 157
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823

RESULT 8
US-08-410-451-1/c
Sequence 1, Application US/08410451
Patent No. 5552284
GENERAL INFORMATION:
APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.,
TITLE OF INVENTION: Human pF4A Receptors and Their Use
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: palin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,451
FILING DATE: 24-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494

FILING DATE: 28-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706C1D4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-410-451-1

Query Match
Best Local Similarity 8.7%; Score 29; DB 1; Length 1933;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GCGAAACCTGCTGGAATGTTTGGCATCAGCTAGTGGTTTCCCAATCC 124
DB 1915 GGAACATCTGCTGCCCAATGAGCTGCTGACATGCTTCTAGGATGCTGATGC 1856

QY 125 TCAACTCTGCTGCCAGCTGATGAGGGGAAG 157
DB 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAAG 1823

RESULT 9
US-08-410-451-1/c
Sequence 1, Application US/08410455
Patent No. 5571702
GENERAL INFORMATION:
APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.,
TITLE OF INVENTION: Human pF4A Receptors and Their Use
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: palin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,455
FILING DATE: 24-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494
FILING DATE: 28-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706C1D5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-410-455-1

Query Match 8.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCGTGAATGTGTTGGATCAGCTACGACAGTAAGTTCCCAATCC 124
DB 1915 GGAACATCTGCTGCCCAATGAGCTGGCTGCACATGAGCTTCTAGGATGCTGATGC 1856
QY 125 TCAACTGTCTCTGCCAGCTGATGAGGGAAG 157
DB 1855 TGACGCCAGCCTGGAGCTGCAGAGGGAAG 1823

RESULT 10

US-08-418-919-1/c
Sequence 1, Application US/08418919
Patent No. 5633141
GENERAL INFORMATION:
APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.,
TITLE OF INVENTION: Human PPAR Receptors and Their Use
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418.919
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/234.494
FILING DATE:
APPLICATION NUMBER: 07/677.211
FILING DATE: 29-Mar-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hensley, Max D.
REGISTRATION NUMBER: 27,043
REFERENCE/DOCKET NUMBER: 706
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/266-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-418-919-1

Query Match 8.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCGTGAATGTGTTGGATCAGCTACGACAGTAAGTTCCCAATCC 124

DB 1915 GGAACATCTGCTGCCCAATGAGCTGGCTGCACATGAGCTTCTAGGATGCTGATGC 1856
QY 125 TCAACTGTCTCTGCCAGCTGATGAGGGAAG 157
DB 1855 TGACGCCAGCCTGGAGCTGCAGAGGGAAG 1823

RESULT 11

US-08-410-453A-2/c
Sequence 2, Application US/08410453A
Patent No. 5767063
GENERAL INFORMATION:
APPLICANT: Lee, James,
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.,
TITLE OF INVENTION: Human PPAR Receptors and Their Use
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410.453A
FILING DATE: 24-Mar-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494
FILING DATE: 28-Apr-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-Mar-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P0706C1D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
US-08-410-453A-2

Query Match 8.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCGTGAATGTGTTGGATCAGCTACGACAGTAAGTTCCCAATCC 124
DB 1915 GGAACATCTGCTGCCCAATGAGCTGGCTGCACATGAGCTTCTAGGATGCTGATGC 1856
QY 125 TCAACTGTCTCTGCCAGCTGATGAGGGAAG 157
DB 1855 TGACGCCAGCCTGGAGCTGCAGAGGGAAG 1823

RESULT 12
US-08-701-265-1/c
Sequence 1, Application US/08701265
Patent No. 5776457
GENERAL INFORMATION:

QY 65 GGCAAACTGCGTGAATGTGTTGGATCAGCTACGACAGTAAGTTCCCAATCC 124

APPLICANT: Chuntharapai, Anan
APPLICANT: Lee, James
APPLICANT: Hebert, Caroline
APPLICANT: Jin Kim, K.
TITLE OF INVENTION: Antibodies to Human pF4A Receptors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/701,265
FILING DATE: 22-AUG-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/076093
FILING DATE: 11-Jun-1993
APPLICATION NUMBER: 07/810782
FILING DATE: 19-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-701-265-1

Query Match 8.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GCGAAACTGCGTGAATGTGTTTGGCATCAGCTACTGACAGCTAGGTTTCCCATTC 124
DB 1915 GGAACATCTGCTGCCCAATGAGCTGTGGCTGCACATGGCTTTCTAGGATGCTGATGC 1856

QY 125 TCAACTCTGCTCCAGCTGATGAGGGGAAG 157
DB 1855 TGCACGCCAGCTGTGAGAGCTGCAGAGGGGAAG 1823

RESULT 13
US-08-410-454A-2/c
Sequence 2, Application US/08410454A
Patent No. 5783415
GENERAL INFORMATION:
APPLICANT: Lee, James
APPLICANT: Holmes, William E.,
APPLICANT: Woods, William I.
TITLE OF INVENTION: Human pF4A Receptors and Their Use
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco

STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,454A
FILING DATE: 24-Mar-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/234494
FILING DATE: 28-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P0706CID3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-410-454A-2

Query Match 8.7%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GCGAAACTGCGTGAATGTGTTTGGCATCAGCTACTGACAGCTAGGTTTCCCATTC 124
DB 1915 GGAACATCTGCTGCCCAATGAGCTGTGGCTGCACATGGCTTTCTAGGATGCTGATGC 1856

QY 125 TCAACTCTGCTCCAGCTGATGAGGGGAAG 157
DB 1855 TGCACGCCAGCTGTGAGAGCTGCAGAGGGGAAG 1823

RESULT 14
US-08-284-586-1/c
Sequence 1, Application US/08284586
Patent No. 5840856
GENERAL INFORMATION:
APPLICANT: Chuntharapai, Anan
APPLICANT: Lee, James
APPLICANT: Hebert, Caroline
APPLICANT: Jin Kim, K.
TITLE OF INVENTION: Antibodies to Human pF4A Receptors
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,586
FILING DATE:

CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/076,093A
FILING DATE: 11-Jun-1993
APPLICATION NUMBER: 07/810782
FILING DATE: 19-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/677211
FILING DATE: 29-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 706P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-5530
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1933 nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-284-586-1

Query Match 8.7%; Score 29; DB 2; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCTGGAATGTGTTGGCATCAGCTACTGACACGTAGAGTTTCCCATCC 124
DB 1915 GGACATCTGCTGCTGCCCATGATGGCTGCTGACACATGCTTTCTAGGATGCTGATGC 1856
QY 125 TCAACTCTGCTGCCAGCTGATGAGGGGAAG 157
DB 1855 TGCACGCCACCTGGAAGCTGCAGAGGGAAG 1823

RESULT 15

US-08-410-456A-2/c

Sequence 2, Application US/08410456A

Patent No. 5856457

GENERAL INFORMATION:

APPLICANT: Lee, James,

APPLICANT: Holmes, William E.,

TITLE OF INVENTION: Human PFA Receptors and Their Use

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/410,456A

FILING DATE: 24-Mar-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/234494

FILING DATE: 28-APR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/677211

FILING DATE: 29-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Love, Richard B.

REGISTRATION NUMBER: 34,659

REFERENCE/DOCKET NUMBER: P0706C1D2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-5530

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1933 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

US-08-410-456A-2

Query Match 8.7%; Score 29; DB 2; Length 1933;
Best Local Similarity 57.0%; Pred. No. 3.7;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 65 GGCAAACTGCTGGAATGTGTTGGCATCAGCTACTGACACGTAGAGTTTCCCATCC 124
DB 1915 GGACATCTGCTGCTGCCCATGATGGCTGCTGACACATGCTTTCTAGGATGCTGATGC 1856
QY 125 TCAACTCTGCTGCCAGCTGATGAGGGGAAG 157
DB 1855 TGCACGCCACCTGGAAGCTGCAGAGGGAAG 1823

Search completed: June 13, 2003, 20:58:07
Job time: 50.1661 secs

Accession	Sequence	Position
D6	ATCCTCAACTCTCTCCTGCACGTGATGAGGGAAGAAAGGATTACCTAGGGGTATGG	180
OY	GGCAGCAATTCCTBAGTCCACCAACTGACACGCCCATCCAGCCTTGTGCTTACTAC	240
D6	GCGACCAATCTAGTGCACCAACTGACACGCCCATCCAGCCTTGTGCTTACTAC	240
OY	CCCCAACCTCCCGAGAGGAGCAGCTATTTTAAAGGAGCAGAGAGTGCAGAAACAACAGAC	300
D6	CCCCAACCTCCCGAGAGGAGCAGCTATTTTAAAGGAGCAGAGAGTGCAGAAACAACAGAC	300
OY	GGCCTGGGGATTACAACTCTGAGAGTCTCTCGAG	332
D6	GGCCTGGGGATTACAACTCTGAGAGTCTCTCGAG	332

RESULT 2
US-09-808-388-5
; Sequence 5, Application US/09808388
; Patent No. US20020081719A1
GENERAL INFORMATION

```

1  GENERAL INFORMATION:
2  APPLICANT: Massaad, Charbel
3  APPLICANT: Berenbaum, Francis
4  APPLICANT: Olivier, Jean-Luc
5  APPLICANT: Salvat, Colette
6  APPLICANT: Berezat, Gilbert
7  TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
8  TITLE OF INVENTION: their uses
9  FILE REFERENCE: ST00010
10 CURRENT APPLICATION NUMBER: US/09/808,388
11 CURRENT FILING DATE: 2001-09-20
12 PRIOR APPLICATION NUMBER: FR/00/03262
13 PRIOR FILING DATE: 2000-03-14
14 PRIOR APPLICATION NUMBER: US 60/196,959
15 PRIOR FILING DATE: 2000-04-13
16 NUMBER OF SEQ ID NOS: 7
17 SOFTWARE: Patentin version 3.0
18 SEQ ID NO 5
19 LENGTH: 271
20 TYPE: DNA
21 ORGANISM: Artificial Sequence
22 FEATURE:
23 OTHER INFORMATION: Fragment of the PLA2s promoter
24 US-09-808-388-5

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Query Match	81.6%	Score 271	DB 10	Length 271
Best Local Similarity	100.0%	Pred. No. 1,3e-86		
Matches	271	Conservative	0	Mismatches 0, Indels 0, Gaps 0
QY	62	CGGGCAAACTGCCTGAATGTGTTTGGCATCGACTGACAGTAAGGTTTCCCA	121	
Db	1	CGGGCAAACTGCCTGAATGTGTTTGGCATCGACTGACAGTAAGGTTTCCCA	60	
QY	122	TCTCTCAACTGTCTCTGCGCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGG	181	
Db	61	TCTCTCAACTGTCTCTGCGCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGG	120	
QY	182	CGACCAATCTCTGAGTCCACCAACTGACACGCGCCATCCCCAGCTTTGTGCTCACTTAC	241	
Db	121	CGACCAATCTCTGAGTCCACCAACTGACACGCGCCATCCCCAGCTTTGTGCTCACTTAC	180	
QY	242	CCCAACCTCCAGAGGGAGCAGCTATTTTAAGGGAGCAGAGATGCAGAAACAAGAC	301	
Db	181	CCCAACCTCCAGAGGGAGCAGCTATTTTAAGGGAGCAGAGATGCAGAAACAAGAC	240	
QY	302	GCCCTGGGGATTCAACTCTGGAAGTCTCTGAG	332	
Db	241	GCCCTGGGGATTCAACTCTGGAAGTCTCTGAG	271	

RESULT 3
US-09-865-866-17
; Sequence 17, Application US/09865866

```

: Publication No. US20030045487A1
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Jacqueline Wyatt
: TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
: FILE REFERENCE: RTS-0221
: CURRENT APPLICATION NUMBER: US/09/865,866
: CURRENT FILING DATE: 2001-05-25
: NUMBER OF SEQ ID NOS: 173
: SEQ ID NO 17
: LENGTH: 1080
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: US-09-865-866-17

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Query Match	64.2%	Score 213	DB 9	Length 1080
Best Local Similarity	93.1%	Pred. No.	1.3e-65	
Matches 256	Conservative	0	Mismatches 15	Indels 4
				Gaps 3

QY	61	ACGGGCAAAACTCCTGAATGTGTTTGGCATCAGTACTGCAGTAGG--TTTC	119
Db	762	ACTGGCCAAAACCTCCCTGAATGTGTITTTGGCATCAGGCTACTGCACCTAAGGGTTTCC	821
QY	120	AATCCTCAACTCTGTCTGTG--CGAGCTGATGAGGGGAAGAAGGATTACTTAAGGGGTA	177
Db	822	AATCCTCAACTCTGTCTGTGGGCCAGGCTGATGAGGGGAAGAAGGATTACTTAAGGGGTA	881
QY	178	TGGGGACAACATCTGTGAGTCCACCAACTGCACACGCCCATCCAGGCTGTGGCTCAC	237
Db	882	TGGGGACAACATCTGTGAGTCCACCAACTGCACACGCCCATCCAGGCTGTGGCTCAC	941
QY	238	TACCCCCAACCTCCAGNAGGAGCAGCTATTTAAGGGGAGCAGGAGTGTCAGAACAAACAA	297
Db	942	TACCCCCAACCT-CCAGNAGGAGCAGCTATTTAAGGGGAGCAGGAGTGTCAGAACAAACAA	1000
QY	298	GACGGCCTGGGGATACAACTCTGGAGTCTCTGAG	332
Db	1001	GACGGCCTGGGGATACAACTCTGGAGTCTCTGAG	1035

RESULT 417-800A-1495
US-09-917-800A-1495
Sequence 1495 Application US/09917800A
Patent No. US20020119462A1
GENERAL INFORMATION:
APPLICANT: Mendrick, Donna
APPLICANT: Porter, Mark
APPLICANT: Johnson, Kory
APPLICANT: Castle, Arthur
APPLICANT: Elashoff, Michael
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Molecular Toxicology Modeling
FILE REFERENCE: 44921-5038-US
CURRENT APPLICATION NUMBER: US/09/917_800A
CURRENT FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: US 60/222,040
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 60/222,880
PRIOR FILING DATE: 2000-11-02
PRIOR APPLICATION NUMBER: US 60/290,029
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/290,645
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: US 60/292,336
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: US 60/295,798
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: US 60/297,457
PRIOR FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US 60/298,884
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 60/303,459

PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 1740
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1495
LENGTH: 3330
TYPE: DNA
ORGANISM: Rattus norvegicus
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20020119462A1 X51529
US-09-917-800A-1495

Query Match 25.4%; Score 84.4; DB 10; Length 3330;
Best Local Similarity 64.9%; Pred. No. 1.8e-19;
Matches 157; Conservative 0; Mismatches 81; Indels 4; Gaps 2;

QY 67 CAAACCTGCTGAATGTTGTTGGCATGAGTACGACGTAAGGTTTCCCAATCCG 126
DB 260 CCAAAATCAGCTAAAGTTTATGATGGCCACACCATGATGAGGCTTTCCGGCCCTC 319
QY 127 AACTGTGCTCCAGCCTGATGAGGGAAGGAAGGATTACCTAGGGGTATGG--CGA 184
DB 320 AAGCGTGTCTCCAGCTGTTGGGGGAAAGGGGAATTAACCCAGGGCGTTGGGTATGC 379
QY 185 CCAATCTGATGTCACCACTGACACGCGCA--TCCCAAGCCTGTGCTCCTACCTACC 242
DB 380 CCGTCTGTGAATCATTTATTTGGCCACACCATCCCATCCCTGCTGCTCCTCGATCC 439
QY 243 CCAACCTCCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 302
DB 440 CCAAGCCCTGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 499
QY 303 CC 304
DB 500 GC 501

RESULT 5

US-09-925-300-70
Sequence 70, Application US/09925300
Patent No. US20020151681A1
GENERAL INFORMATION:
APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925, 300
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 70
LENGTH: 1076
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (911)
OTHER INFORMATION: n equals a,t,g, or c
US-09-925-300-70

Query Match 24.3%; Score 80.8; DB 10; Length 1076;
Best Local Similarity 95.3%; Pred. No. 2.1e-18;
Matches 82; Conservative 1; Mismatches .3; Indels 0; Gaps 0;

QY 247 CCTCCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 306
DB 2 CCAACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 61
QY 307 GGGATACAACTCTGGAGTCTCTGAG 332

DB 62 GGGATACAACTCTGGAGTCTCTGAG 87

RESULT 6

US-09-981-353-17
Sequence 17, Application US/09981353
Patent No. US20020160382A1
GENERAL INFORMATION:
APPLICANT: Lasek, Amy W.
APPLICANT: Jones, David A.
TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
FILE REFERENCE: PA-0038 US
CURRENT APPLICATION NUMBER: US/09/981,353
CURRENT FILING DATE: 2001-10-11
NUMBER OF SEQ ID NOS: 194
SOFTWARE: PERL Program
SEQ ID NO 17
LENGTH: 735
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20020160382A1 474322.36
NAME/KEY: unsure
LOCATION: 388
OTHER INFORMATION: a, t, c, g, or other
US-09-981-353-17

Query Match 15.1%; Score 50; DB 9; Length 735;
Best Local Similarity 100.0%; Pred. No. 1.8e-07;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 283 GTGCAGAACAAACAGAGCGCTGGGATACACTGTGAGTCCTGTGAG 332
DB 1 GTGCAGAACAAACAGAGCGCGCTGGGATACACTGTGAGTCCTGTGAG 50

RESULT 7

US-09-865-866-97
Sequence 97, Application US/09865866
Publication No. US20030045487A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyalt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
FILE REFERENCE: RTS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 97
LENGTH: 4990
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: CDS
LOCATION: (2026)...(2068)
NAME/KEY: CDS
LOCATION: (2245)...(2389)
NAME/KEY: CDS
LOCATION: (2622)...(2731)
NAME/KEY: CDS
LOCATION: (4098)...(4240)
US-09-865-866-97

Query Match 14.9%; Score 49.6; DB 9; Length 4990;
Best Local Similarity 59.4%; Pred. No. 5.9e-07;
Matches 139; Conservative 0; Mismatches 64; Indels 31; Gaps 2;

QY 67 CAAACCTGCTGAATGTTGTTGGCATGAGTACGACGTAAGGTTTCCCAATCCG 126
DB 1016 CAAATCAGCTAAATTTATGATGGCGGACCCCTTGGATATAGAGGCTTTCCAGCCCTC 1075
QY 127 AACTGTGCTCCAGCCTGATGAGGGAAGGAAGGAGATTACCTAGGGGTATGGCGAGC 186

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Db 1076 AGGCTGCGCTGCAGCTGTGGGAGACAAAGGCGCATTCGTATGC-----CC 1125
Qy 187 AATCTGATGCTACCAACTGACGACGACCCAGCTGTGCTCACTACCCCAA 246
Db 1126 ATCCGTATCCACTATTGACACACCCACT-----CCCAT 1164
Qy 247 CCTCCAGAGGAGCAGCTATTTAAGGAGCAGAGTGCAGAACAAAGAGAC 300
Db 1165 CCTGCGAGAGGAGAGAGCTATTTAAGGCACTTGAATTCAGAAACAAAGAGAC 1218

RESULT 8
US-09-808-388-3
: Sequence 3, Application US/09808388
: Patent No. US2002008179A1
: GENERAL INFORMATION:
: APPLICANT: Massaad, Charbel
: APPLICANT: Berendaum, Francis
: APPLICANT: Olivier, Jean-Luc
: APPLICANT: Salva, Colette
: APPLICANT: Berezat, Gilbert
: TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
: FILE REFERENCE: ST00010
: CURRENT APPLICATION NUMBER: US/09/808.388
: PRIOR FILING DATE: 2001-09-20
: PRIOR APPLICATION NUMBER: FR/00/03262
: PRIOR FILING DATE: 2000-03-14
: PRIOR APPLICATION NUMBER: US 60/196.959
: PRIOR FILING DATE: 2000-04-13
: NUMBER OF SEQ ID NOS: 7
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 3
: LENGTH: 41
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: PPRE element
US-09-808-388-3

Query Match 12.3%; Score 41; DB 10; Length 41;
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 13 CAAACTAGTCAAGTCAATCAAACTAGTCAAGGTCA 53
Db 1 CAAACTAGTCAAGTCAATCAAACTAGTCAAGGTCA 41

RESULT 9
US-10-175-696-24
: Sequence 24, Application US/10175696
: Publication No. US20030092658A1
: GENERAL INFORMATION:
: APPLICANT: Glucksmann, Maria Alexandra
: APPLICANT: Meyers, Rachel
: APPLICANT: Rudolph-Owen, Laura A.
: TITLE OF INVENTION: NOVEL HUMAN ENZYME FAMILY MEMBERS AND USES THEREOF
: FILE REFERENCE: 10448-193001
: CURRENT APPLICATION NUMBER: US/10/175.696
: PRIOR FILING DATE: 2002-06-20
: PRIOR APPLICATION NUMBER: 10/067.668
: PRIOR FILING DATE: 2002-02-04
: PRIOR APPLICATION NUMBER: 60/266.140
: PRIOR FILING DATE: 2001-02-02
: PRIOR APPLICATION NUMBER: 09/823.901
: PRIOR FILING DATE: 2001-03-30
: PRIOR APPLICATION NUMBER: PCT/US01/10720
: PRIOR FILING DATE: 2001-04-02
: PRIOR APPLICATION NUMBER: 60/193.920
: PRIOR FILING DATE: 2000-03-31
: PRIOR APPLICATION NUMBER: 09/862.658
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: PRIOR FILING DATE: 2001-05-21
: PRIOR APPLICATION NUMBER: PCT/US01/16380
: PRIOR FILING DATE: 2001-05-21
: PRIOR APPLICATION NUMBER: 60/205.675
: PRIOR FILING DATE: 2000-05-19
: PRIOR APPLICATION NUMBER: 09/882.837
: PRIOR FILING DATE: 2001-06-15
: PRIOR APPLICATION NUMBER: PCT/US01/19319
: PRIOR FILING DATE: 2001-06-15
: PRIOR APPLICATION NUMBER: 60/211.727
: PRIOR FILING DATE: 2000-06-15
: NUMBER OF SEQ ID NOS: 31
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 24
: LENGTH: 2136
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-175-696-24
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Query Match 10.2%; Score 33.8; DB 9; Length 2136;
Best Local Similarity 53.4%; Pred. No. 0.18;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 129 CTCGTCTGCTGCACTGATGAGGGAAGAAAGGATTACTAGGGTATGGGACCAA 188
Db 1752 CTCGTCCAGCAGCCTCTGTCAACAGTGGGACAGCATGCTTGGGCTGTGATGCCAA 1811
Qy 189 TCCGTAGTCCACAGTACAGCAGCCATCCGCTGTGCTCACTACCCCAAC 248
Db 1812 TGCTTCATCATCCTATGAGGAGCCGCCACCCAGACCAAGGGAGCACACCCCTGAAGAC 1871
Qy 249 TCCAGAGGAGC 261
Db 1872 TTACCTAGACACC 1884
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RESULT 10
US-09-862-658-3
: Sequence 3, Application US/09862658
: Patent No. US20020137101A1
: GENERAL INFORMATION:
: APPLICANT: Meyers, Rachel
: TITLE OF INVENTION: A NOVEL HUMAN LIPOXYGENASE FAMILY
: FILE REFERENCE: 10448-053001
: CURRENT APPLICATION NUMBER: US/09/862.658
: PRIOR FILING DATE: 2001-05-22
: PRIOR APPLICATION NUMBER: US 60/205.675
: PRIOR FILING DATE: 2000-05-19
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 3
: LENGTH: 2136
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-862-658-3
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Query Match 10.2%; Score 33.8; DB 10; Length 2136;
Best Local Similarity 53.4%; Pred. No. 0.18;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 129 CTCGTCTGCTGCACTGATGAGGGAAGAAAGGATTACTAGGGTATGGGACCAA 188
Db 1752 CTCGTCCAGCAGCCTCTGTCAACAGTGGGACAGCATGCTTGGGCTGTGATGCCAA 1811
Qy 189 TCCGTAGTCCACAGTACAGCAGCCATCCGCTGTGCTCACTACCCCAAC 248
Db 1812 TGCTTCATCATCCTATGAGGAGCCGCCACCCAGACCAAGGGAGCACACCCCTGAAGAC 1871
Qy 249 TCCAGAGGAGC 261
Db 1872 TTACCTAGACACC 1884
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CURRENT APPLICATION NUMBER: US/10/023,282
EARLIER FILING DATE: 2001-12-20
EARLIER APPLICATION NUMBER: 09/205,258
EARLIER FILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: PCT/US98/11422
EARLIER FILING DATE: 1998-06-04
EARLIER APPLICATION NUMBER: 60/048,885
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,375
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,881
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EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,020
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,876
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,895
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EARLIER APPLICATION NUMBER: 60/048,884
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,894
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,971
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,882
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,899
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,893
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EARLIER APPLICATION NUMBER: 60/048,900
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,901
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EARLIER APPLICATION NUMBER: 60/048,915
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,019
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,970
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,972
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,916
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,373
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,875
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049,374
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,917
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,949
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,974
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,883
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,897
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,898
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,962
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,963
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EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,877
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048,878
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/070,923
EARLIER FILING DATE: 1997-12-18
EARLIER APPLICATION NUMBER: 60/092,921
EARLIER FILING DATE: 1998-07-15
EARLIER APPLICATION NUMBER: 60/094,657
EARLIER FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 1227
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 86
LENGTH: 1036
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (1020)
OTHER INFORMATION: n equals a,t,g, or c
FEATURE:
NAME/KEY: SITE
LOCATION: (1024)
OTHER INFORMATION: n equals a,t,g, or c
FEATURE:
NAME/KEY: SITE
LOCATION: (1032)
OTHER INFORMATION: n equals a,t,g, or c
US-10-023-282-86

Query Match          9.6%  Score 31.8  DB 9; Length 1036;
Best Local Similarity 52.7%  Pred. No. 0.66;
Matches 69; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 189 TCCTGAGTCACAGCTGACGAGCCGATCCCGAGCCTTGCTGCTACCTACCCCAACC 248
    |||||  |||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||
Db 852 TCCTGAGTCCTCCACGCGCCCTGCGAGCCCTTCTGCTTCCCGCCCGCCGAGC 793
    |||||  |||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||

Qy 249 TCCGAGAGGAGCAGCTATTAAAGGAGGAGGAGTGCAGAAACAGAGCGGCTGGG 308
    ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||
Db 792 CAGCGCTGGGCGCAGATGCAATGGCTGGGGTGATCACCAGAGAGAGGCGAAGC 733
    ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||  ||

Qy 309 GATACACTCT 319
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Db 732 CACTACCCCT 722

RESULT 15
US-09-918-995-32175/c
Sequence 32175, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
PRIOR FILING DATE: 2001-07-30
CURRENT APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 32175
LENGTH: 466
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(466)
OTHER INFORMATION: n = A,T,C or G
US-09-918-995-32175
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OM nucleic - nucleic search, using sw model

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2254.273 Million cell updates/sec

Title: US-09-808-388-7

Perfect score: 944

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Scoring table: IDENTITY-NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

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Post-processing: Minimum Match 0%
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Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	144	15.3	8083	4	US-09-383-630-4
2	144	15.3	8083	4	US-09-383-630-5
3	104.4	11.1	34303	2	US-08-735-609-4
4	104.4	11.1	34303	2	US-08-735-609-4
5	104.4	11.1	34303	3	US-09-315-372-4
6	104.4	11.1	34303	3	US-09-244-752-4
7	104.4	11.1	34303	3	US-09-245-497-4
8	104.4	11.1	34303	4	US-09-562-919-4
9	104.4	11.1	34303	4	US-08-374-483-6
10	104.4	11.1	34303	2	US-08-973-334-3
11	104.4	11.1	35408	4	US-09-563-869A-3
12	104.4	11.1	35408	4	US-08-549-489-3
13	104.4	11.1	35935	2	US-08-735-609-1
14	104.4	11.1	35935	2	US-08-735-609-1
15	104.4	11.1	35935	3	US-08-379-452-43
16	104.4	11.1	35935	3	US-09-315-372-1
17	104.4	11.1	35935	3	US-09-244-752-1
18	104.4	11.1	35935	3	US-09-245-497-1
19	104.4	11.1	35935	3	US-09-409-670-43
20	104.4	11.1	35935	4	US-09-562-919-1
21	98	10.4	343	5	PCT-US93-08067-1
22	86.8	9.2	36519	3	US-08-923-137-2
23	78.8	8.3	266	5	PCT-US93-08067-2
24	69.6	7.4	35524	3	US-08-923-137-1
25	64.8	6.9	35081	2	US-08-752-760A-1
26	62	6.6	7218	1	US-08-232-463-14
27	58	6.1	208	3	US-08-766-354A-1

C	28	54.6	5.8	11958	4	US-08-927-317-7	Sequence 7, Appl
C	29	48	5.1	4810	3	US-08-852-629-11	Sequence 11, Appl
C	30	47.2	5.0	34185	4	US-09-545-481-3	Sequence 3, Appl
C	31	46.2	4.9	320	4	US-09-165-264-14	Sequence 14, Appl
C	32	46	4.9	320	4	US-09-165-264-7	Sequence 7, Appl
C	33	46	4.9	320	4	US-09-165-264-13	Sequence 13, Appl
C	34	45.2	4.8	319	4	US-09-165-264-8	Sequence 8, Appl
C	35	44.8	4.7	320	4	US-09-165-264-11	Sequence 11, Appl
C	36	44.6	4.7	318	4	US-09-165-264-12	Sequence 12, Appl
C	37	43.8	4.6	4838	3	US-08-852-629-15	Sequence 15, Appl
C	38	43.4	4.6	11299	4	US-09-238-356-14	Sequence 14, Appl
C	39	42.6	4.5	152331	3	US-09-128-155-16	Sequence 16, Appl
C	40	42.4	4.5	8657	4	US-09-380-190A-14	Sequence 14, Appl
C	41	42.4	4.5	9093	4	US-09-380-190A-23	Sequence 23, Appl
C	42	41.8	4.4	7252	4	US-09-238-356-27	Sequence 27, Appl
C	43	41.8	4.4	7387	4	US-09-238-356-28	Sequence 28, Appl
C	44	41.2	4.4	333	4	US-09-113-750A-55	Sequence 55, Appl
C	45	41.2	4.4	333	4	US-09-113-750A-58	Sequence 58, Appl

ALIGNMENTS

RESULT 1
US-09-383-630-4
Sequence 4, Application US/09383630A
Patent No. 6265632
GENERAL INFORMATION:
APPLICANT: Ayner Yavon et al.
TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
FACTOR RECEPTOR ASSOCIATED
CHONDRODYSPLASIA
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedmann c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11
SOFTWARE: Word for Windows version 2.0 converted
to an ASCII file
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/383,630A
FILING DATE: 26-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Friedmann, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 1402/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-5625553
TELEFAX: 972-3-5625554
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 8083
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US*09-383-630-4
Query Match 15.3%; Score 144; DB 4; Length 8083;
Best Local Similarity 96.7%; Pred. No. 3,5e-28;

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Oy	732	TAGTGGATCCCCCGGCTGCAGATCTGTAGAGCCGACAGTAGTCACAGGGTTTCTTGATGAT	791							
Dd	4867	TAGTGGATCCCCCGGCTGCAGATCTCCCCGGCGCAGTAGTCACAGGGTTTCTTGATGAT	4926							
Oy	792	GTCAATTACTTCGTGCCCTTTTTTTTCCACAGCTCCGGGTTTGAGAGCAAACTCTTGCGG	851							
Dd	4927	GTCAATTACTTCGTGCCCTTTTTTTTCCACAGCTCCGGGTTTGAGAGCAAACTCTTGCGG	4986							
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	Sequence 5, Application US/09383630A									
	Patent No. 6265632									
	GENERAL INFORMATION:									
	APPLICANT: Ayner Yazon et al.									
	TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH FACTOR RECEPTOR ASSOCIATED CHONDRODYSPLASIA									
	NUMBER OF SEQUENCES: 18									
	CORRESPONDENCE ADDRESS:									
	ADDRESSEE: Mark M. Friedman c/o Anthony Castorina									
	STREET: 2001 Jefferson Davis Highway, Suite 207									
	CITY: Arlington									
	STATE: Virginia									
	COUNTRY: United States of America									
	ZIP: 22202									
	COMPUTER READABLE FORM:									
	MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk									
	COMPUTER: Twinhead* Slimnote-890TX									
	OPERATING SYSTEM: MS DOS version 6.2,									
	Windows version 3.11									
	SOFTWARE: Word for Windows version 2.0 converted to an ASCII file									
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	APPLICATION NUMBER: US/09/383,630A									
	FILING DATE: 26-Aug-1999									
	CLASSIFICATION: <unknown>									
	PRIOR APPLICATION DATA:									
	APPLICATION NUMBER: <unknown>									
	FILING DATE: <unknown>									
	ATTORNEY/AGENT INFORMATION:									
	NAME: Friedmann, Mark M.									
	REGISTRATION NUMBER: 33,883									
	REFERENCE/DOCKET NUMBER: 1402/2									
	TELECOMMUNICATION INFORMATION:									
	TELEPHONE: 972-3-5625553									
	TELEFAX: 972-3-5625554									
	TELEX: <unknown>									
	INFORMATION FOR SEQ ID NO: 5:									
	SEQUENCE CHARACTERISTICS:									
	LENGTH: 8083									
	TYPE: nucleic acid									
	STRANDEDNESS: double									
	TOPOLOGY: linear									
	SEQUENCE DESCRIPTION: SEQ ID NO: 5:									
	US-09-383-630-5									
	Query Match	15.3%:	Score 144:	DB 4:	Length 8083:					
	Best Local Similarity	96.7%:	Pred. No. 3.5e-26:							
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Oy	732	TAGTGGATCCCCCGGCTGCAGATCTGTAGAGCCGACAGTAGTCACAGGGTTTCTTGATGAT	791							
Dd	4867	TAGTGGATCCCCCGGCTGCAGATCTCCCCGGCGCAGTAGTCACAGGGTTTCTTGATGAT	4926							
Oy	792	GTCAATTACTTCGTGCCCTTTTTTTTCCACAGCTCCGGGTTTGAGAGCAAACTCTTGCGG	851							
Dd	4867	TAGTGGATCCCCCGGCTGCAGATCTCCCCGGCGCAGTAGTCACAGGGTTTCTTGATGAT	4926							
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Db      4987  GTCCTTCACGTGGGAGATGACGAGATATGATGATCA 5018

RESULT 3
US-08-735-609-4
; Sequence 4, Application US/08735609
; Patent No. 5953360
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Jeffrey S.
; APPLICANT: Amalfitano, Andrea
; APPLICANT: Hauser, Michael A.
; APPLICANT: Kumar-Singh, Rajendra
; APPLICANT: Hartigan-O'Connor, Dennis J.
; TITLE OF INVENTION: IMPROVED ADENOVIIRUS VECTORS
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/735,609
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: DM-02484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 34303 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-735-609-4

Query Match 11.1%; Score 104.4; DB 2; Length 34303;
Best Local Similarity 99.1%; Pred. No. 9.8e-18;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db      8546  TCTAGGGGGCAGTGTATCCAGGGTTCCCTGATGATGATCATACTATCTGTGCCCTTTT 8605

QY      817  TTCACAGCTGCGGTTGAGAGACAACCTTCGCGGCTTTCAGT 862
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Db      8606  TTCACAGCTGCGGTTGAGAGACAACCTTCGCGGCTTTCAGT 8651

RESULT 4
US-08-735-609-4
; Sequence 4, Application US/08735609
; Patent No. 5994132
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Jeffrey S.
; APPLICANT: Amalfitano, Andrea
; APPLICANT: Hauser, Michael A.

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/315,372
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/735,609
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: 00-02484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 34303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-315-372-4

Query Match 11.1%; Score 104.4; DB 3: Length 34303;
Best local similarity 99.1%; Pred. No. 9,8e-18;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 817 TTCCACAGCTCGCGGTTGAGGACCAACTCTCGGGGCTTTCACGT 862
DB 8606 TTCCACAGCTCGCGGTTGAGGACCAACTCTCGGGGCTTTCACGT 8651

RESULT 6
US-09-244-752-4
: Sequence 4, Application US/09244752
: Patent No. 6063622
: GENERAL INFORMATION:
: APPLICANT: Chamberlain, Jeffrey S.
: APPLICANT: Amalfitano, Andrea
: APPLICANT: Hauser, Michael A.
: APPLICANT: Kumar-Sinoh, Rajendra
: APPLICANT: Hartigan-O'Connor, Dennis J.
: TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Medlen & Carroll, LLP
: STREET: 220 Montgomery Street, Suite 2200
: CITY: San Francisco
: STATE: California
: COUNTRY: United States Of America
: ZIP: 94104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentln Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/244,752
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/735,609
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Ingolia, Diane E.
: REGISTRATION NUMBER: 40,027
: REFERENCE/DOCKET NUMBER: 00-02484
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 705-8410
: TELEFAX: (415) 397-8338
: INFORMATION FOR SEQ ID NO: 4:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 34303 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: other nucleic acid
: DESCRIPTION: /desc = "DNA"
: US-09-315-372-4

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REFERENCE/DOCKET NUMBER: UM-02484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 34303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-245-497-4
Query Match 11.1%; Score 104.4; DB 3; Length 34303;
Best Local Similarity 99.1%; Pred. No. 9.8e-18;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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DB 8546 TCTAGGGCGAGTGTCCAGGTTTCCTGTATGATGATCACTATCTGTCCTTTT 8605
QY 817 TTCCACAGCTCGCGTTGAGACAACTCTTCGGGCTTTCCAGT 862
DB 8606 TTCCACAGCTCGCGTTGAGACAACTCTTCGGGCTTTCCAGT 8651
RESULT 7
US-09-245-497-4
Sequence 4, Application US/09245497
Patent No. 6083750
GENERAL INFORMATION:
APPLICANT: Chamberlain, Jeffrey S.
APPLICANT: Amalfitano, Andrea
APPLICANT: Hauser, Michael A.
APPLICANT: Kumar-Singh, Rajendra
APPLICANT: Hartigan-O'Connor, Dennis J.
TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/245,497
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/735,609
APPLICATION NUMBER: FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: UM-02484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 34303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"

US-09-245-497-4
Query Match 11.1%; Score 104.4; DB 3; Length 34303;
Best Local Similarity 99.1%; Pred. No. 9.8e-18;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 757 TGTAGGGCGAGTGTCCAGGTTTCCTGTATGATGATCACTATCTGTCCTTTT 816
DB 8546 TCTAGGGCGAGTGTCCAGGTTTCCTGTATGATGATCACTATCTGTCCTTTT 8605
QY 817 TTCCACAGCTCGCGTTGAGACAACTCTTCGGGCTTTCCAGT 862
DB 8606 TTCCACAGCTCGCGTTGAGACAACTCTTCGGGCTTTCCAGT 8651
RESULT 8
US-09-562-919-4
Sequence 4, Application US/09562919
Patent No. 6451596
GENERAL INFORMATION:
APPLICANT: Chamberlain, Jeffrey S.
APPLICANT: Amalfitano, Andrea
APPLICANT: Hauser, Michael A.
APPLICANT: Kumar-Singh, Rajendra
APPLICANT: Hartigan-O'Connor, Dennis J.
TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/562,919
FILING DATE: 02-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/735,609
FILING DATE: 23-Oct-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: UM-02484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 34303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-562-919-4
Query Match 11.1%; Score 104.4; DB 4; Length 34303;
Best Local Similarity 99.1%; Pred. No. 9.8e-18;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 757 TGTAGGGCGAGTGTCCAGGTTTCCTGTATGATGATCACTATCTGTCCTTTT 816
DB 8546 TCTAGGGCGAGTGTCCAGGTTTCCTGTATGATGATCACTATCTGTCCTTTT 8605
QY 817 TTCCACAGCTCGCGTTGAGACAACTCTTCGGGCTTTCCAGT 862

DB 8606 TTCACAGCTCCGCGTTGAGACAACCTCTTCGCGTCTTCCAGT 8651

RESULT 9

US-08-374-483-6
Sequence 6, Application US/08374483
Patent No. 5880102

GENERAL INFORMATION:

APPLICANT: GEORGE, SAMUEL E.

APPLICANT: BLAZING, MICHAEL A.

TITLE OF INVENTION: ADENOVIRAL VECTOR SYSTEM

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHUYE P.C.

STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.

ZIP: 22201-4714

COMPUTER READABLE FORM:

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/374,483

FILING DATE: 17-JAN-1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: WILSON, MARY J.

REGISTRATION NUMBER: 32,955

REFERENCE/DOCKET NUMBER: 1579-83

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 816-4000

TELEFAX: (703) 816-4100

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 34382 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-374-483-6

Query Match 11.1%; Score 104.4; DB 2: Length 34382;

Best Local Similarity 99.1%; Pred. No. 9.8e-18;

Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 7966 TCTAGGGCGCAGTAGTCCAGGTTCTTGATGATGTCATCTATCTGTCCTTTT 8025

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DB 8026 TTCACAGCTCCGCGTTGAGACAACCTCTTCGCGTCTTCCAGT 8071

RESULT 10

US-08-973-334-3

Sequence 3, Application US/08973334

Patent No. 6261551

GENERAL INFORMATION:

APPLICANT: WILSON, JAMES M.

APPLICANT: FISHER, KRISHNA J.

APPLICANT: GAO, GUANG-PING

TITLE OF INVENTION: Recombinant Adenovirus and Adeno-

TITLE OF INVENTION: Associated Virus, Cell Lines, and

TITLE OF INVENTION: Methods of Production and Use

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Howson and Howson
STREET: Box 457, 321 No. 6261551sttown Road

CITY: Spring House

STATE: PA USA

COUNTRY: USA

ZIP: 19477

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent In Release 1.0, Version 1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973,334

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/462,014

FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/549,489

FILING DATE: 27-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: Bak, Mary E.

REGISTRATION NUMBER: 31,215

REFERENCE/DOCKET NUMBER: GNP012CIPUSA

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 540-9206

TELEFAX: (215) 540-5818

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 35408 base pairs

TYPE: nucleic acid

STRANDEDNESS: not relevant

TOPOLOGY: not relevant

MOLECULE TYPE: other nucleic acid

US-08-973-334-3

Query Match 11.1%; Score 104.4; DB 4: Length 35408;

Best Local Similarity 99.1%; Pred. No. 9.9e-18;

Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 8431 TTCACAGCTCCGCGTTGAGACAACCTCTTCGCGTCTTCCAGT 8476

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DB 8431 TTCACAGCTCCGCGTTGAGACAACCTCTTCGCGTCTTCCAGT 8476

RESULT 11

US-09-563-869A-3

Sequence 3, Application US/09563869A

Patent No. 6270996

GENERAL INFORMATION:

APPLICANT: WILSON, JAMES M.

APPLICANT: FISHER, KRISHNA J.

APPLICANT: GAO, GUANG-PING

TITLE OF INVENTION: Recombinant Adenovirus and Adeno-

TITLE OF INVENTION: Associated Virus, Cell Lines, and

TITLE OF INVENTION: Methods of Production and Use

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Howson and Howson

STREET: Box 457, 321 No. 6270996sttown Road

CITY: Spring House

STATE: PA

COUNTRY: USA

ZIP: 19477

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

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: REFERENCE/DOCKET NUMBER: GWN/PN013
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215) 540-9206
: TELEFAX: (215) 540-5818
: INFORMATION FOR SEQ ID NO: 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 35408 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: not relevant
: TOPOLOGY: not relevant
: MOLECULE TYPE: other nucleic acid
: US-08-549-489-3

Query Match 11.1%; Score 104.4; DB 4; Length 35408;
Best Local Similarity 99.1%; Pred. No. 9.9e-18;
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RESULT 13
US-08-735-609-1
: Sequence 1, Application US/08735609
: Patent No. 5955360
: GENERAL INFORMATION:
: APPLICANT: Chamberlain, Jeffrey S.
: APPLICANT: Amalfitano, Andrea
: APPLICANT: Hauser, Michael A.
: APPLICANT: Kumar-Singh, Rajendra
: APPLICANT: Hartigan-O'Connor, Dennis J.
: TITLE OF INVENTION: IMPROVED ADENOVIRUS VECTORS
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Medlen & Carroll, LLP
: STREET: 220 Montgomery Street, Suite 2200
: CITY: San Francisco
: STATE: California
: COUNTRY: United States of America
: ZIP: 94104

: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/735,609
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Ingolia, Diane E.
: REGISTRATION NUMBER: 40,027
: REFERENCE/DOCKET NUMBER: UM-02484
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 705-8410
: TELEFAX: (415) 397-8338
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 35935 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: other nucleic acid
: DESCRIPTION: /desc = "DNA"
: US-08-735-609-1

Query Match 11.1%; Score 104.4; DB 2; Length 35935;
Best Local Similarity 99.1%; Pred. No. 1e-17;

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? Patent NO.6040174
? GENERAL INFORMATION:
? APPLICANT: IMLER, Jean-Luc
? APPLICANT: MEHTALI, Majid
? APPLICANT: PAYIRANI, Andrea
? TITLE OF INVENTION: DEFECTIVE ADENOVIRUSES AND CORRESPONDING
? NUMBER OF SEQUENCES: 43
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
? STREET: 1737 King Street, Suite 500
? CITY: Alexandria
? STATE: Virginia
? COUNTRY: United States
? ZIP: 22314-2756
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patentin Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US//08/379,452
? FILING DATE: 26-JAN-1995
? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: WO PCT/FR94/00624
? FILING DATE: 27-MAY-1994
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: FR 93 06482
? FILING DATE: 28-MAY-1993
? ATTORNEY/AGENT INFORMATION:
? NAME: Dadio, Susan M.
? REGISTRATION NUMBER: 40,373
? REFERENCE/DOCKET NUMBER: 029395-002
? INFORMATION FOR SEQ ID NO: 43:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 35935 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
US-08-379-452-43

Query Match      11.1%; Score 104.4; DB 3; Length 35935;
Best Local Similarity 99.1%; Pred. No. 1e-17; Indels 0; Gaps 0;
Matches 105; Conservative 0; Mismatches 1;

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QY       817   TTCCACAGACTGCGGTTGAGAGCAAAACTCTTCCGCGGCTTTCCAGT    862
Db       7103  TTCCACAGCTGCGGTTGAGAGCAAAACTCTTCCGCGGCTTTCCAGT    7148

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Job time : 130.424 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 13, 2003, 20:58:18 ; Search time 266.299 Seconds
(without alignments)
5133.209 Million cell updates/sec

Title: US-09-808-388-7

Perfect score: 944

Sequence: 1 tgcgcgctcgcgtgagcc.....cgtcgtactgaggaacc 944

Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 1029858 seqs, 724030393 residues

Total number of hits satisfying chosen parameters: 2059716

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	104.4	11.1	1240	US-09-847-101B-28	Sequence 28, Appl
3	104.4	11.1	7231	US-09-847-101B-42	Sequence 42, Appl
4	104.4	11.1	7960	US-09-847-101B-30	Sequence 30, Appl
5	104.4	11.1	7989	US-09-847-101B-33	Sequence 33, Appl
6	104.4	11.1	8383	US-09-847-101B-23	Sequence 23, Appl
7	104.4	11.1	32480	US-09-847-101B-29	Sequence 29, Appl
8	104.4	11.1	34427	US-09-111-911-5	Sequence 5, Appli
9	104.4	11.1	35408	US-10-155-649-3	Sequence 3, Appli
10	104.4	11.1	35671	US-09-956-335-2	Sequence 2, Appli
11	104.4	11.1	35935	US-09-725-720-43	Sequence 43, Appl
12	104.4	11.1	35935	US-09-782-378A-4	Sequence 4, Appli
13	104.4	11.1	35935	US-09-782-378A-5	Sequence 5, Appli
14	104.4	11.1	35937	US-09-782-378A-3	Sequence 3, Appli
15	104.4	11.1	35978	US-09-956-335-1	Sequence 1, Appli
16	104.4	11.1	36620	US-09-952-060-30	Sequence 30, Appl
17	104.4	11.1	37474	US-09-952-060-25	Sequence 25, Appl
18	104.4	11.1	38519	US-09-952-060-28	Sequence 28, Appl
19	90.8	9.6	5060	US-10-175-523-181	Sequence 181, App

20	66	7.0	455	9	US-10-047-991-11	Sequence 11, Appl
21	64.8	6.9	35100	10	US-09-782-378A-26	Sequence 26, Appl
22	62.8	6.7	34794	9	US-10-002-720-44	Sequence 44, Appl
23	59.6	6.3	4894	9	US-10-055-794-2	Sequence 2, Appli
24	59.6	6.3	7487	9	US-10-055-794-4	Sequence 4, Appli
25	58.6	6.2	34214	10	US-09-782-378A-27	Sequence 27, Appl
26	54.8	5.8	12733	9	US-10-032-393-47	Sequence 47, Appli
27	54.8	5.8	12739	9	US-10-032-393-8	Sequence 8, Appli
28	53.8	5.7	1065	10	US-09-804-682-33	Sequence 33, Appl
29	49	5.2	987	9	US-10-055-794-7	Sequence 7, Appli
30	48.6	5.1	987	10	US-09-804-682-20	Sequence 20, Appl
31	48.2	5.1	34125	10	US-09-782-378A-25	Sequence 25, Appl
32	45.6	4.8	716	9	US-10-123-155-512	Sequence 512, App
33	45.6	4.8	1064	10	US-09-804-682-29	Sequence 29, Appl
34	45.2	4.8	22783	9	US-09-990-613-6	Sequence 6, Appli
35	44.6	4.7	457	10	US-09-867-701-3922	Sequence 3922, Ap
36	44.6	4.7	931	9	US-10-198-846-8585	Sequence 8585, Ap
37	44.2	4.7	504	10	US-09-878-574-4330	Sequence 4330, Ap
38	44	4.7	106	10	US-09-960-352-5165	Sequence 5165, Ap
39	43.8	4.6	440	9	US-10-184-644-202	Sequence 202, App
40	43.8	4.6	440	9	US-10-184-644-202	Sequence 202, App
41	43.6	4.6	594	9	US-10-123-155-10	Sequence 10, Appl
42	43.4	4.6	366	10	US-09-878-574-4418	Sequence 4418, Ap
43	43.4	4.6	10998	9	US-10-239-804-4	Sequence 4, Appli
44	43.4	4.6	10998	9	US-10-239-804-68	Sequence 68, Appl
45	43.4	4.6	11131	9	US-10-239-804-72	Sequence 72, Appl

ALIGNMENTS

RESULT 1

US-09-808-388-7
Sequence 7, Application US/09808388
Patent No. US20020081719A1
GENERAL INFORMATION:
APPLICANT: Massaad, Charbel
APPLICANT: Berenbaum, Francis
APPLICANT: Olivier, Jean-Luc
APPLICANT: Salvat, Colette
APPLICANT: Berezat, Gilbert
TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising th
FILE REFERENCE: ST00010
CURRENT APPLICATION NUMBER: US/09/808,388
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: FR/00/03262
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/196,959
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 944
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Sequence conferring specificity of expression

US-09-808-388-7
Query Match 100.0%; Score 944; DB 10; Length 944;
Best Local Similarity 100.0%; Pred. No. 1.6e-280;
Matches 944; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy*	1	TGCCGCGCTCGGCGGATGCCGCTGCGGCGCTGCCGATGCCGCTGCGTGCCTGCA	60
Db	1	TGCCGCGCTCGGCGGATGCCGCTGCGGCGCTGCCGATGCCGCTGCGTGCCTGCA	60
Oy	61	CGCTCGATCGCGCGCGCTCGCTACGCTGTCAGAGGCGAGATGCCGTAAGTCGCCGCGC	120
Db	61	CGCTCGATCGCGCGCGCTCGCTACGCTGTCAGAGGCGAGATGCCGTAAGTCGCCGCGC	120
Oy	121	CCCTGCTACTTCCCTGACTTGATGCCCTTTTCTCTACTGCCCTCCCAAGTACTAG	180


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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pdv67
US-09-847-101B-30
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Query Match          11.1%; Score 104.4; DB 9; Length 7960;
Best Local Similarity 99.1%; Pred. No. 7.5e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 816
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 1988
```

```
OY 817 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1989 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 2034
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RESULT 5
US-09-847-101B-33
; Sequence 33, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
```

```
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 33
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4242
; OTHER INFORMATION: N is any
; NAME/KEY: misc_feature
; LOCATION: 4245
; OTHER INFORMATION: N is any
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pdv69
US-09-847-101B-33
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Query Match          11.1%; Score 104.4; DB 9; Length 7989;
Best Local Similarity 99.1%; Pred. No. 7.6e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 816
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 1988
```

```
OY 817 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1989 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 2034
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RESULT 6
US-09-847-101B-29
; Sequence 29, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
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; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
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; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 29
; LENGTH: 8383
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pdv60
US-09-847-101B-29
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Query Match          11.1%; Score 104.4; DB 9; Length 8383;
Best Local Similarity 99.1%; Pred. No. 7.7e-22;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 816
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1907 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 1966
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OY 817 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 1967 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 2012
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RESULT 7
US-09-847-101B-23
; Sequence 23, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
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; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 23
; LENGTH: 32480
; TYPE: DNA
; ORGANISM: adenovirus
US-09-847-101B-23
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Query Match          11.1%; Score 104.4; DB 9; Length 32480;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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OY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 816
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 8187 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTTATCCCTGTCCTTTT 8246
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OY 817 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 862
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 8247 TTCACAGCTCGCGGTTGAGGACAACTCTCGCGGCTTTCAGT 8292
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RESULT 8
US-09-111-911-5
; Sequence 5, Application US/09111911
; Publication No. US20030096768A1
; GENERAL INFORMATION:
; APPLICANT: WOLD, William S.M.
; TITLE OF INVENTION: Inhibiting Apoptosis with Adenovirus RID Protein
; FILE REFERENCE: 16153-5587
; CURRENT APPLICATION NUMBER: US/09/111,911
; CURRENT FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentln Ver. 2.0
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APPLICATION NUMBER: 08/379,452
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 93 06482
FILING DATE: 28-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Dadio, Susan M.
REGISTRATION NUMBER: 40,373
REFERENCE/DOCKET NUMBER: 029395-002
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 35935 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-782-378A-4

Query Match 11.1%; Score 104.4; DB 10; Length 35935;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 816
DB 7043 TCTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 7102
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862
DB 7103 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7148

RESULT 12
US-09-782-378A-4
Sequence 4, Application US/09782378A
Patent No. US20020102731A1
GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 35935
TYPE: DNA
ORGANISM: Human adenovirus type 5
US-09-782-378A-4

Query Match 11.1%; Score 104.4; DB 10; Length 35935;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 816
DB 7043 TCTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 7102
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862
DB 7103 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7148

RESULT 13
US-09-782-378A-5
Sequence 5, Application US/09782378A
Patent No. US20020102731A1
GENERAL INFORMATION:
APPLICANT: Hearing, Patrick

APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
LENGTH: 35935
TYPE: DNA
ORGANISM: Human adenovirus type 5
US-09-782-378A-5

Query Match 11.1%; Score 104.4; DB 10; Length 35935;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 816
DB 7043 TCTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 7102
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862
DB 7103 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7148

RESULT 14
US-09-782-378A-3
Sequence 3, Application US/09782378A
Patent No. US20020102731A1
GENERAL INFORMATION:
APPLICANT: Hearing, Patrick
APPLICANT: Bahou, Wadie
APPLICANT: Sandalon, Ziv
APPLICANT: Gnatenko, Dmitri
TITLE OF INVENTION: Adenoviral Vectors
FILE REFERENCE: STONYB-04970
CURRENT APPLICATION NUMBER: US/09/782,378A
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/237,747
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 35937
TYPE: DNA
ORGANISM: Human adeno-associated virus 2
US-09-782-378A-3

Query Match 11.1%; Score 104.4; DB 10; Length 35937;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 816
DB 7033 TCTAGGGCGCAGTATCCAGGTTCTTGATGATGTCATATCTATCTGTCCTTTT 7092
QY 817 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 862
DB 7093 TTCACAGCTCGCGGTTGAGACAACCTCTTCGGGCTTTCCAGT 7138

RESULT 15
US-09-956-335-1
Sequence 1, Application US/09956335
Patent No. US2002028785A1
GENERAL INFORMATION:
APPLICANT: WOLD, William
APPLICANT: TOTTH, Karoly

```

; APPLICANT: KUPPASWAMI, Mohan
; APPLICANT: DORONIN, Konsantlin
; TITLE OF INVENTION: RECOMBINANT ADENOVIRUS VECTORS THAT ARE
; TITLE OF INVENTION: REPLICATION-COMPETENT IN TERT-EXPRESSING CELLS
; FILE REFERENCE: 16153-8394
; CURRENT APPLICATION NUMBER: US/09/956,335
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentlin Ver. 2.0
; SEQ ID NO: 1
; LENGTH: 35978
; TYPE: DNA
; ORGANISM: Adenovirus
US-09-956-335-1

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```

Query Match      11.1%; Score 104.4; DB 10; Length 35978;
Best Local Similarity 99.1%; Pred. No. 1.2e-21;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 757 TGTAGGGCGCAGTACTCCAGGTTTCTTGATGATGATCACTATTCCTGTCCTTTT 816
DB 7043 TCTAGGGCGCAGTACTCCAGGTTTCTTGATGATGATCACTATTCCTGTCCTTTT 7102
QY 817 TTCCACAGCTCGCGGTGAGGACAACTCTTCGCGCTTCCACT 862
DB 7103 TTCCACAGCTCGCGGTGAGGACAACTCTTCGCGCTTCCACT 7148

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Search completed: June 14, 2003, 01:26:17
Job time : 268.299 secs